

November 27, 2006

Ewelina Mutkowska
TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Subject: **Calscience Work Order No.: 06-11-0903**
Client Reference: PEMACO

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/14/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, enclosed in an oval. The signature reads "Virendra R Patel".

Calscience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

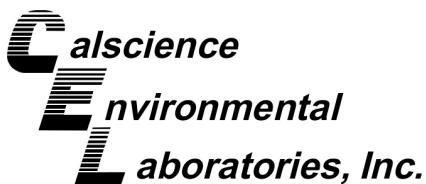
CA-ELAP ID: 1230

NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Case Narrative for 06-11-0903

Sample Condition on Receipt

One aqueous sample and eighteen soil samples were received as part of this Work Order on November 14, 2006. All samples were transferred to the laboratory in an ice-chest following strict chain-of-custody procedures. The temperature (3.1°C) of the samples was measured upon arrival in the laboratory and was within acceptable limits. The samples were logged into the Laboratory Information Management System (LIMS), given laboratory identification numbers, and stored in refrigeration units pending analysis.

Data Summary

The samples included in this report were analyzed in accordance with the attached chain-of custody (COC) record. Data is presented on a wet weight basis.

Holding Times

All holding time requirements were met.

Calibration

Frequency and control criteria for initial and continuing calibration verifications were met.

Blanks

The method blank data showed non-detectable levels, with the exception of trace levels of select constituents. Please see Table A below for details.

Table A: Trace levels present in associated method blanks	
EPA Method 8260B	
Batch #	Analyte(s)
061115L01	Acetone & Toluene
061116L01	Toluene
061115L04	Methylene Chloride
061116L01	Benzene, Toluene & Hexane
061115L02	Acetone, 1-4,Dichlorobenzene, Methylene Chloride, Naphthalene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, & Isopropanol
061116L02	Carbon Disulfide, Benzene, Toluene, 1,2,4-Trichlorobenzene, p/m-Xylene & Hexane

The method blank for batch 061115L04 was also positive for Isopropanol. The source of this contamination is attributed to the laboratory. The positive samples associated with this method blank have been flagged with "B" qualifiers indicating





Case Narrative for 06-11-0903

blank contamination, and therefore, the results have been released without any further action or qualification.

Matrix Spikes

Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits, with the exception of specific analytes by EPA Method 8260B. Please see Table B below for details.

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
061115S01	Trichloroethene [‡] & Tert-Butyl Alcohol (TBA)

‡: As a direct result of the unacceptable recoveries for the MS and/or MSD, the relative percent difference was also outside acceptable limits. These recoveries have been flagged with a "4" qualifier.

Note that the corresponding Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries were within control limits, indicating a matrix interference effect. Therefore, the data is released without further action or qualification.

Laboratory Control Samples

The Laboratory Control Sample (LCS) analyses were performed at the required frequencies. All recoveries were within acceptable limits.

Surrogates

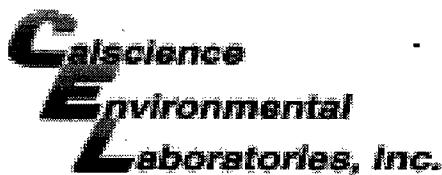
Surrogate recoveries for all samples were within acceptable control limits.



CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: 06-11-0903QAPP: **0000**

#	<i>Client Sample ID</i>	<i>Matrix</i>	<i>Date Collected</i>	<i>NoC</i>	<i>Comment</i>
1	TMP-27-25	S	11/14/2006	4	
2	TMP-27-30	S	11/14/2006	4	
3	TMP-27-35	S	11/14/2006	4	
4	TMP-27-40	S	11/14/2006	4	
5	TMP-27-45	S	11/14/2006	4	
6	TMP-27-50	S	11/14/2006	4	
7	TMP-27-60	S	11/14/2006	4	
8	TMP-27-60X	S	11/14/2006	4	
9	TMP-27-65	S	11/14/2006	4	
10	TMP-27-55	S	11/14/2006	4	
11	TMP-27-70	S	11/14/2006	4	
12	TMP-27-75	S	11/14/2006	4	
13	TMP-27-80	S	11/14/2006	12	RUN MS/MSD FOR SAMPLE #13.
14	TMP-27-85	S	11/14/2006	4	
15	TMP-27-90	S	11/14/2006	4	
16	TMP-27-95	S	11/14/2006	4	
17	TMP-27-100	S	11/14/2006	4	
18	EB-11.14.06	W	11/14/2006	3	
19	TMP-27-90X	S	11/14/2006	4	



WORK ORDER #: 06 - 11-0903

Cooler 1 of 1

SAMPLE RECEIPT FORMCLIENT: TN&ADATE: 11/14/16**TEMPERATURE – SAMPLES RECEIVED BY:****CALSCIENCE COURIER:**

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- 3.1 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial:

CUSTODY SEAL INTACT:

Sample(s): _____

Cooler: _____

No (Not Intact) : _____

Not Present: _____

Initial:

SAMPLE CONDITION:

- | | Yes | No | N/A |
|---|-----|-------|-------|
| Chain-Of-Custody document(s) received with samples..... | | | |
| Sampler's name indicated on COC..... | | | |
| Sample container label(s) consistent with custody papers..... | | | |
| Sample container(s) intact and good condition..... | | | |
| Correct containers and volume for analyses requested..... | | | |
| Proper preservation noted on sample label(s)..... | | | |
| VOA vial(s) free of headspace..... | | | |
| Tedlar bag(s) free of condensation..... | | | |

Initial:

COMMENTS:

**CALSCIENCE ENVIRONMENTAL
LABORATORIES, INC.**

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 14 Nov 2006

Page 1 of 2

LABORATORY CLIENT: TNT Associates, Inc.		PROJECT NAME / NUMBER: Emelina Muktawski Pennaco		P.O. NO.: 2005083																									
ADDRESS: 317 E Main St.		PROJECT CONTACT: Emelina Muktawski		LAB USE ONLY 1 - 0903																									
CITY Ventura		STATE CA	ZIP 93061	SAMPLER(S): (SIGNATURE) Emelina Muktawski@maininc.com																									
TEL: 805-585-6391	FAX: 805-585-2111	E-MAIL:	COELT LOG CODE COOLER RECEIPT TEMP = <u> </u> °C																										
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS																													
<p>REQUESTED ANALYSES</p> <table border="1"> <tr> <td>TPH(G)</td> <td>TPH(D) or</td> <td>BTEX / MTBE (8260B) or</td> <td>EXYGENATES (8260B) or</td> <td>VOCs (8260B)</td> <td>5035 ENCORE PREP</td> <td>SVOCs (8270C)</td> <td>PCBs (8082)</td> <td>PEST (8081A)</td> <td>CAC, T22 METALS (6010B) / 747</td> <td>PNAs (8310) or (8270C)</td> <td>VOCs (TO-14A) or (TO-15)</td> <td>TPH(G) (TO-3M)</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> <p>* VOCs & hexane & isopropane</p>					TPH(G)	TPH(D) or	BTEX / MTBE (8260B) or	EXYGENATES (8260B) or	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PCBs (8082)	PEST (8081A)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)	<input checked="" type="checkbox"/>	<input type="checkbox"/>										
TPH(G)	TPH(D) or	BTEX / MTBE (8260B) or	EXYGENATES (8260B) or	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PCBs (8082)	PEST (8081A)	CAC, T22 METALS (6010B) / 747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)																	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																		
LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	MATRIX TIME	NO. OF CONT.																								
1	TMP-27-25		11-14-06	0945	<u>4</u>																								
2	TMP-27-30			0950	<u>1</u>																								
3	TMP-27-35			1000	<u>1</u>																								
4	TMP-27-40			1015	<u>1</u>																								
5	TMP-27-45			1025	<u>1</u>																								
6	TMP-27-50			1030	<u>1</u>																								
7	TMP-27-60			1040	<u>1</u>																								
8	TMP-27-65			1045	<u>1</u>																								
9	TMP-27-70			1050	<u>1</u>																								
10	TMP-27-75		11-14-06	1035	<u>4</u>																								
Relinquished by: (Signature)		Received by: (Signature)		Date: <u>11/14/06</u>		Time: <u>14:05</u>		Relinquished by: (Signature)		Received by: (Signature)		Date: <u>11/14/06</u>		Time: <u>16:30</u>															
Relinquished by: (Signature)		Received by: (Signature)		Date: <u>11/14/06</u>		Time: <u>16:30</u>		Relinquished by: (Signature)		Received for Laboratory by: (Signature)		Date: <u>11/14/06</u>		Time: <u>16:30</u>															

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

**CALSCIENCE ENVIRONMENTAL
LABORATORIES, INC.**

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GARDEN GROVE, CA 92841-1427
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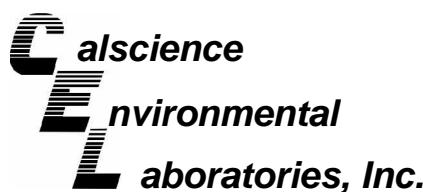
CHAIN OF CUSTODY RECORD

Date 14 Nov 2006

Page 2 of 2

LABORATORY CLIENT: TN & Associates Inc	ADDRESS: 317 E Main St.	STATE: CA	ZIP: 92671	E-MAIL: Envirohawks@attainet.com	CLIENT PROJECT NAME / NUMBER: Burned	P.O. NO.:
PROJECT CONTACT: Envirohawks						LAB USE ONLY <input checked="" type="checkbox"/> 11-0103
SAMPLER(S): Sig 3						COELT LOG CODE <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
						COOLER RECEIPT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
						TEMP = <u> </u> °C
REQUESTED ANALYSES						
TPH(G) (TO-3M)						
VOCs (TO-14A) or (TO-15)						
PNA(s) (8310) or (8270C)						
CAC, T22 METALS (6010B) / 747						
PCBs (8082)						
PEST (8081A)						
SVOCs (8270C)						
5035 ENCORE PREP						
VOCs (8260B)						
BTEx / MTEx (8260B) or VOCs → OXYGENATES (8260B)						
TPH(D) or						
TPH(G)						
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)						
<input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/>						
SPECIAL INSTRUCTIONS: * VOCs + hexane + isopropanol						
LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
11	TMP-27-70		11-14-06	1100	Soil	4
12	TMP-27-75			1115		4
13	TMP-27-80			1125		12
14	TMP-27-85			1140		4
15	TMP-27-90			1145		4
16	TMP-27-95			1200	↓	4
17	TMP-27-100			1215	Soil	4
18	EP-11.14.06			1230	Aq	3
19	TMP-27-90X		11-14-06	1155	Soil	4
Relinquished by: (Signature) J. J. J. J.				Received by: (Signature) Debra		
Relinquished by: (Signature) J. J. J. J.				Received by: (Signature) Debra		
Relinquished by: (Signature) J. J. J. J.				Received for Laboratory by: (Signature) Debra		
				Date: <u>11/14/06</u>	Time: <u>14:15</u>	
				Date: <u>11/14/06</u>	Time: <u>14:30</u>	
				Date: <u>11/14/06</u>	Time: <u>14:30</u>	

DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 1 of 32

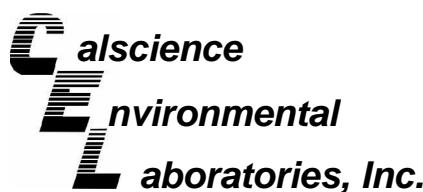
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-25	06-11-0903-1	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	15	46	5.9	0.914	J	2,2-Dichloropropane	ND	4.6	0.42	0.914	
Benzene	2.9	0.9	0.12	0.914		1,1-Dichloropropene	ND	1.8	0.20	0.914	
Bromobenzene	ND	0.91	0.19	0.914		c-1,3-Dichloropropene	ND	0.91	0.17	0.914	
Bromoform	ND	1.8	1.3	0.914		t-1,3-Dichloropropene	ND	1.8	1.7	0.914	
Bromochloromethane	ND	0.91	0.13	0.914		Ethylbenzene	2.2	0.9	0.14	0.914	
Bromodichloromethane	ND	4.6	0.61	0.914		2-Hexanone	ND	18	5.1	0.914	
Bromomethane	ND	18	1.7	0.914		Isopropylbenzene	2.2	0.9	0.11	0.914	
2-Butanone	ND	18	8.7	0.914		p-Isopropyltoluene	0.61	0.91	0.11	0.914	J
n-Butylbenzene	ND	0.91	0.20	0.914		Methylene Chloride	ND	9.1	4.7	0.914	
sec-Butylbenzene	2.4	0.9	0.094	0.914		4-Methyl-2-Pentanone	ND	18	1.9	0.914	
tert-Butylbenzene	ND	0.91	0.11	0.914		Naphthalene	ND	9.1	0.30	0.914	
Carbon Disulfide	ND	9.1	0.16	0.914		n-Propylbenzene	2.6	0.9	0.94	0.914	
Carbon Tetrachloride	ND	0.91	0.29	0.914		Styrene	ND	0.91	0.19	0.914	
Chlorobenzene	ND	0.91	0.14	0.914		1,1,1,2-Tetrachloroethane	ND	0.91	0.30	0.914	
Chloroethane	ND	1.8	0.38	0.914		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.914	
Chloroform	ND	0.91	0.16	0.914		Tetrachloroethene	ND	0.91	0.15	0.914	
Chloromethane	ND	18	2.7	0.914		Toluene	1.6	0.9	0.14	0.914	B
2-Chlorotoluene	ND	0.91	0.11	0.914		1,2,3-Trichlorobenzene	ND	1.8	0.19	0.914	
4-Chlorotoluene	ND	0.91	0.095	0.914		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.914	
Dibromochloromethane	ND	1.8	0.18	0.914		1,1,1-Trichloroethane	ND	0.91	0.23	0.914	
1,2-Dibromo-3-Chloropropane	ND	4.6	3.4	0.914		1,1,2-Trichloroethane	ND	0.91	0.22	0.914	
1,2-Dibromoethane	ND	0.91	0.41	0.914		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.1	0.43	0.914	
Dibromomethane	ND	0.91	0.64	0.914		Trichloroethene	1.2	1.8	0.17	0.914	J
1,2-Dichlorobenzene	ND	0.91	0.12	0.914		Trichlorofluoromethane	ND	9.1	0.14	0.914	
1,3-Dichlorobenzene	ND	0.91	0.15	0.914		1,2,3-Trichloropropane	ND	1.8	0.59	0.914	
1,4-Dichlorobenzene	ND	0.91	0.14	0.914		1,2,4-Trimethylbenzene	110	2	0.11	0.914	
Dichlorodifluoromethane	ND	1.8	0.18	0.914		1,3,5-Trimethylbenzene	15	2	0.090	0.914	
1,1-Dichloroethane	ND	0.91	0.15	0.914		Vinyl Acetate	ND	9.1	6.8	0.914	
1,2-Dichloroethane	ND	0.91	0.16	0.914		Vinyl Chloride	ND	0.91	0.20	0.914	
1,1-Dichloroethene	ND	0.91	0.13	0.914		p/m-Xylene	2.3	1.8	0.18	0.914	
c-1,2-Dichloroethene	0.32	0.91	0.26	0.914	J	o-Xylene	1.2	0.9	0.10	0.914	
t-1,2-Dichloroethene	ND	0.91	0.23	0.914		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.914	
1,2-Dichloropropane	ND	0.91	0.24	0.914		Hexane	0.87	0.91	0.095	0.914	J
1,3-Dichloropropane	ND	0.91	0.16	0.914		Isopropanol	ND	46	21	0.914	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	117	71-137			1,2-Dichloroethane-d4	132	58-160				
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	99	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 2 of 32

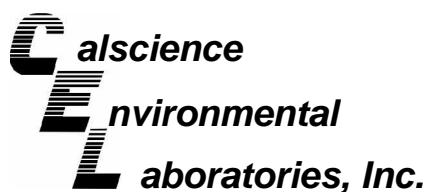
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-30	06-11-0903-2	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	45	5.7	0.89	J	2,2-Dichloropropane	ND	4.5	0.41	0.89	
Benzene	0.76	0.89	0.12	0.89	J	1,1-Dichloropropene	ND	1.8	0.20	0.89	
Bromobenzene	ND	0.89	0.19	0.89		c-1,3-Dichloropropene	ND	0.89	0.16	0.89	
Bromoform	ND	1.8	1.2	0.89		t-1,3-Dichloropropene	ND	1.8	1.7	0.89	
Bromochloromethane	ND	0.89	0.13	0.89		Ethylbenzene	ND	0.89	0.14	0.89	
Bromodichloromethane	ND	0.89	0.13	0.89		2-Hexanone	ND	18	5.0	0.89	
Bromomethane	ND	4.5	0.59	0.89		Isopropylbenzene	ND	0.89	0.11	0.89	
2-Butanone	ND	18	1.6	0.89		p-Isopropyltoluene	ND	0.89	0.10	0.89	
n-Butylbenzene	ND	0.89	0.20	0.89		Methylene Chloride	ND	8.9	4.6	0.89	
sec-Butylbenzene	ND	0.89	0.092	0.89		4-Methyl-2-Pentanone	ND	18	1.8	0.89	
tert-Butylbenzene	ND	0.89	0.11	0.89		Naphthalene	ND	8.9	0.29	0.89	
Carbon Disulfide	ND	8.9	0.16	0.89		n-Propylbenzene	ND	0.89	0.91	0.89	
Carbon Tetrachloride	ND	0.89	0.28	0.89		Styrene	ND	0.89	0.18	0.89	
Chlorobenzene	ND	0.89	0.13	0.89		1,1,1,2-Tetrachloroethane	ND	0.89	0.30	0.89	
Chloroethane	ND	1.8	0.37	0.89		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.89	
Chloroform	ND	0.89	0.15	0.89		Tetrachloroethene	6.6	0.9	0.15	0.89	
Chloromethane	ND	18	2.6	0.89		Toluene	ND	0.89	0.13	0.89	
2-Chlorotoluene	ND	0.89	0.10	0.89		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.89	
4-Chlorotoluene	ND	0.89	0.093	0.89		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.89	
Dibromochloromethane	ND	1.8	0.18	0.89		1,1,1-Trichloroethane	ND	0.89	0.23	0.89	
1,2-Dibromo-3-Chloropropane	ND	4.5	3.3	0.89		1,1,2-Trichloroethane	ND	0.89	0.21	0.89	
1,2-Dibromoethane	ND	0.89	0.40	0.89		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.42	0.89	
Dibromomethane	ND	0.89	0.62	0.89		Trichloroethene	350	2	0.16	0.89	E
1,2-Dichlorobenzene	ND	0.89	0.11	0.89		Trichlorofluoromethane	ND	8.9	0.14	0.89	
1,3-Dichlorobenzene	ND	0.89	0.15	0.89		1,2,3-Trichloropropane	ND	1.8	0.58	0.89	
1,4-Dichlorobenzene	ND	0.89	0.14	0.89		1,2,4-Trimethylbenzene	0.14	1.8	0.10	0.89	J
Dichlorodifluoromethane	ND	1.8	0.17	0.89		1,3,5-Trimethylbenzene	ND	1.8	0.088	0.89	
1,1-Dichloroethane	0.15	0.89	0.14	0.89	J	Vinyl Acetate	ND	8.9	6.6	0.89	
1,2-Dichloroethane	ND	0.89	0.15	0.89		Vinyl Chloride	54	1	0.19	0.89	
1,1-Dichloroethene	1.2	0.9	0.12	0.89		p/m-Xylene	ND	1.8	0.18	0.89	
c-1,2-Dichloroethene	210	1	0.25	0.89	E	o-Xylene	ND	0.89	0.10	0.89	
t-1,2-Dichloroethene	26	1	0.22	0.89		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.89	
1,2-Dichloropropane	ND	0.89	0.24	0.89		Hexane	ND	0.89	0.093	0.89	
1,3-Dichloropropane	ND	0.89	0.16	0.89		Isopropanol	ND	45	20	0.89	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	132	58-160				
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	96	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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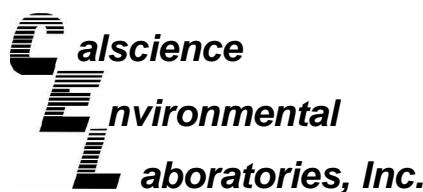
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-30	06-11-0903-2	11/14/06	Solid	11/14/06	11/21/06	061121L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
c-1,2-Dichloroethene	110	45	13	45		Trichloroethene	270	90	8.1	45	
Surrogates:	REC (%)	Control Limits		Qual		Surrogates:	REC (%)	Control Limits		Qual	
Dibromofluoromethane	98	71-137				1,2-Dichloroethane-d4	109	58-160			
1,4-Bromofluorobenzene	94	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

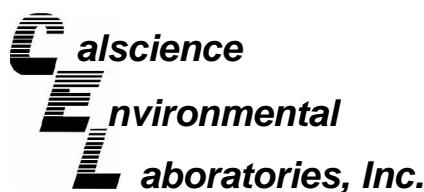
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-35	06-11-0903-3	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	6.2	39.0	5.0	0.772	J	2,2-Dichloropropane	ND	3.9	0.35	0.772	
Benzene	0.12	0.77	0.10	0.772	J	1,1-Dichloropropene	ND	1.5	0.17	0.772	
Bromobenzene	ND	0.77	0.16	0.772		c-1,3-Dichloropropene	ND	0.77	0.14	0.772	
Bromoform	ND	1.5	1.1	0.772		t-1,3-Dichloropropene	ND	1.5	1.5	0.772	
Bromochloromethane	ND	0.77	0.11	0.772		Ethylbenzene	ND	0.77	0.12	0.772	
Bromodichloromethane	ND	0.77	0.11	0.772		2-Hexanone	ND	15	4.3	0.772	
Bromomethane	ND	3.9	0.51	0.772		Isopropylbenzene	ND	0.77	0.092	0.772	
2-Butanone	ND	15	1.4	0.772		p-Isopropyltoluene	ND	0.77	0.089	0.772	
n-Butylbenzene	ND	0.77	0.17	0.772		Methylene Chloride	ND	7.7	4.0	0.772	
sec-Butylbenzene	ND	0.77	0.080	0.772		4-Methyl-2-Pentanone	ND	15	1.6	0.772	
tert-Butylbenzene	ND	0.77	0.095	0.772		Naphthalene	ND	7.7	0.25	0.772	
Carbon Disulfide	0.26	7.7	0.14	0.772	J	n-Propylbenzene	ND	0.77	0.79	0.772	
Carbon Tetrachloride	ND	0.77	0.25	0.772		Styrene	ND	0.77	0.16	0.772	
Chlorobenzene	ND	0.77	0.12	0.772		1,1,1,2-Tetrachloroethane	ND	0.77	0.26	0.772	
Chloroethane	ND	1.5	0.32	0.772		1,1,2,2-Tetrachloroethane	ND	1.5	0.18	0.772	
Chloroform	ND	0.77	0.13	0.772		Tetrachloroethene	0.73	0.77	0.13	0.772	J
Chloromethane	ND	15	2.3	0.772		Toluene	ND	0.77	0.12	0.772	
2-Chlorotoluene	ND	0.77	0.090	0.772		1,2,3-Trichlorobenzene	ND	1.5	0.16	0.772	
4-Chlorotoluene	ND	0.77	0.081	0.772		1,2,4-Trichlorobenzene	ND	1.5	0.14	0.772	
Dibromochloromethane	ND	1.5	0.15	0.772		1,1,1-Trichloroethane	ND	0.77	0.20	0.772	
1,2-Dibromo-3-Chloropropane	ND	3.9	2.8	0.772		1,1,2-Trichloroethane	ND	0.77	0.19	0.772	
1,2-Dibromoethane	ND	0.77	0.35	0.772		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.7	0.36	0.772	
Dibromomethane	ND	0.77	0.54	0.772		Trichloroethene	310	2	0.14	0.772	E
1,2-Dichlorobenzene	ND	0.77	0.099	0.772		Trichlorofluoromethane	ND	7.7	0.12	0.772	
1,3-Dichlorobenzene	ND	0.77	0.13	0.772		1,2,3-Trichloropropane	ND	1.5	0.50	0.772	
1,4-Dichlorobenzene	ND	0.77	0.12	0.772		1,2,4-Trimethylbenzene	ND	1.5	0.090	0.772	
Dichlorodifluoromethane	ND	1.5	0.15	0.772		1,3,5-Trimethylbenzene	ND	1.5	0.076	0.772	
1,1-Dichloroethane	0.20	0.77	0.12	0.772	J	Vinyl Acetate	ND	7.7	5.8	0.772	
1,2-Dichloroethane	ND	0.77	0.13	0.772		Vinyl Chloride	5.2	0.8	0.17	0.772	
1,1-Dichloroethene	1.9	0.8	0.11	0.772		p/m-Xylene	ND	1.5	0.16	0.772	
c-1,2-Dichloroethene	48	1	0.22	0.772		o-Xylene	ND	0.77	0.089	0.772	
t-1,2-Dichloroethene	5.8	0.8	0.19	0.772		Methyl-t-Butyl Ether (MTBE)	0.13	1.5	0.10	0.772	J
1,2-Dichloropropane	ND	0.77	0.21	0.772		Hexane	0.36	0.77	0.080	0.772	J
1,3-Dichloropropane	ND	0.77	0.14	0.772		Isopropanol	ND	39	18	0.772	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	116	71-137		1,2-Dichloroethane-d4	130	58-160					
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	97	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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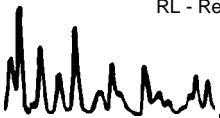
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-35	06-11-0903-3	11/14/06	Solid	11/14/06	11/21/06	061121L02

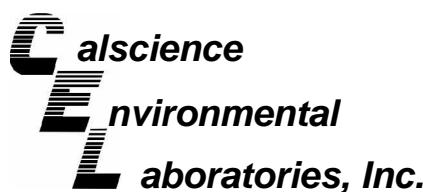
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	300	81	7.4	40.6					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits	Qual
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4		111	58-160	
1,4-Bromofluorobenzene	94	66-126			Toluene-d8		100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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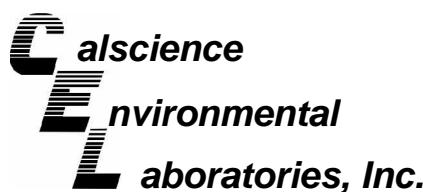
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-40	06-11-0903-4	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	12	45	5.8	0.906	J	2,2-Dichloropropane	ND	4.5	0.41	0.906	
Benzene	ND	0.91	0.12	0.906		1,1-Dichloropropene	ND	1.8	0.20	0.906	
Bromobenzene	ND	0.91	0.19	0.906		c-1,3-Dichloropropene	ND	0.91	0.17	0.906	
Bromoform	ND	1.8	1.3	0.906		t-1,3-Dichloropropene	ND	1.8	1.7	0.906	
Bromochloromethane	ND	0.91	0.13	0.906		Ethylbenzene	ND	0.91	0.14	0.906	
Bromodichloromethane	ND	4.5	0.60	0.906		2-Hexanone	ND	18	5.1	0.906	
Bromomethane	ND	18	1.7	0.906		Isopropylbenzene	ND	0.91	0.11	0.906	
2-Butanone	ND	18	8.7	0.906		p-Isopropyltoluene	ND	0.91	0.10	0.906	
n-Butylbenzene	ND	0.91	0.20	0.906		Methylene Chloride	ND	9.1	4.7	0.906	
sec-Butylbenzene	ND	0.91	0.094	0.906		4-Methyl-2-Pentanone	ND	18	1.8	0.906	
tert-Butylbenzene	ND	0.91	0.11	0.906		Naphthalene	ND	9.1	0.29	0.906	
Carbon Disulfide	ND	9.1	0.16	0.906		n-Propylbenzene	ND	0.91	0.93	0.906	
Carbon Tetrachloride	ND	0.91	0.29	0.906		Styrene	ND	0.91	0.19	0.906	
Chlorobenzene	ND	0.91	0.14	0.906		1,1,1,2-Tetrachloroethane	ND	0.91	0.30	0.906	
Chloroethane	ND	1.8	0.38	0.906		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.906	
Chloroform	ND	0.91	0.16	0.906		Tetrachloroethene	ND	0.91	0.15	0.906	
Chloromethane	ND	18	2.6	0.906		Toluene	0.17	0.91	0.14	0.906	J,B
2-Chlorotoluene	ND	0.91	0.11	0.906		1,2,3-Trichlorobenzene	ND	1.8	0.19	0.906	
4-Chlorotoluene	ND	0.91	0.094	0.906		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.906	
Dibromochloromethane	ND	1.8	0.18	0.906		1,1,1-Trichloroethane	ND	0.91	0.23	0.906	
1,2-Dibromo-3-Chloropropane	ND	4.5	3.3	0.906		1,1,2-Trichloroethane	ND	0.91	0.22	0.906	
1,2-Dibromoethane	ND	0.91	0.41	0.906		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.1	0.43	0.906	
Dibromomethane	ND	0.91	0.64	0.906		Trichloroethene	9.1	1.8	0.16	0.906	
1,2-Dichlorobenzene	ND	0.91	0.12	0.906		Trichlorofluoromethane	ND	9.1	0.14	0.906	
1,3-Dichlorobenzene	ND	0.91	0.15	0.906		1,2,3-Trichloropropane	ND	1.8	0.59	0.906	
1,4-Dichlorobenzene	ND	0.91	0.14	0.906		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.906	
Dichlorodifluoromethane	ND	1.8	0.17	0.906		1,3,5-Trimethylbenzene	ND	1.8	0.089	0.906	
1,1-Dichloroethane	ND	0.91	0.14	0.906		Vinyl Acetate	ND	9.1	6.8	0.906	
1,2-Dichloroethane	ND	0.91	0.15	0.906		Vinyl Chloride	ND	0.91	0.19	0.906	
1,1-Dichloroethene	ND	0.91	0.13	0.906		p/m-Xylene	ND	1.8	0.18	0.906	
c-1,2-Dichloroethene	2.7	0.9	0.26	0.906		o-Xylene	ND	0.91	0.10	0.906	
t-1,2-Dichloroethene	ND	0.91	0.23	0.906		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.906	
1,2-Dichloropropane	ND	0.91	0.24	0.906		Hexane	0.89	0.91	0.094	0.906	J
1,3-Dichloropropane	ND	0.91	0.16	0.906		Isopropanol	ND	45	21	0.906	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	118	71-137		1,2-Dichloroethane-d4	134	58-160					
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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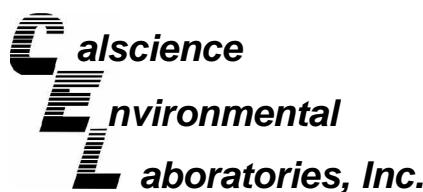
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-45	06-11-0903-5	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	43	5.5	0.852	J	2,2-Dichloropropane	ND	4.3	0.39	0.852	
Benzene	0.41	0.85	0.11	0.852	J	1,1-Dichloropropene	ND	1.7	0.19	0.852	
Bromobenzene	ND	0.85	0.18	0.852		c-1,3-Dichloropropene	ND	0.85	0.16	0.852	
Bromoform	ND	1.7	1.2	0.852		t-1,3-Dichloropropene	ND	1.7	1.6	0.852	
Bromochloromethane	ND	0.85	0.13	0.852		Ethylbenzene	ND	0.85	0.13	0.852	
Bromodichloromethane	ND	4.3	0.56	0.852		2-Hexanone	ND	17	4.8	0.852	
Bromomethane	ND	17	1.6	0.852		Isopropylbenzene	ND	0.85	0.10	0.852	
2-Butanone	ND	17	8.1	0.852		p-Isopropyltoluene	ND	0.85	0.098	0.852	
n-Butylbenzene	ND	0.85	0.19	0.852		Methylene Chloride	ND	8.5	4.4	0.852	
sec-Butylbenzene	ND	0.85	0.088	0.852		4-Methyl-2-Pentanone	ND	17	1.7	0.852	
tert-Butylbenzene	ND	0.85	0.11	0.852		Naphthalene	ND	8.5	0.28	0.852	
Carbon Disulfide	ND	8.5	0.15	0.852		n-Propylbenzene	ND	0.85	0.87	0.852	
Carbon Tetrachloride	ND	0.85	0.27	0.852		Styrene	ND	0.85	0.18	0.852	
Chlorobenzene	ND	0.85	0.13	0.852		1,1,1,2-Tetrachloroethane	ND	0.85	0.28	0.852	
Chloroethane	ND	1.7	0.35	0.852		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.852	
Chloroform	ND	0.85	0.15	0.852		Tetrachloroethene	ND	0.85	0.14	0.852	
Chloromethane	ND	17	2.5	0.852		Toluene	0.26	0.85	0.13	0.852	J,B
2-Chlorotoluene	ND	0.85	0.099	0.852		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.852	
4-Chlorotoluene	ND	0.85	0.089	0.852		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.852	
Dibromochloromethane	ND	1.7	0.17	0.852		1,1,1-Trichloroethane	ND	0.85	0.22	0.852	
1,2-Dibromo-3-Chloropropane	ND	4.3	3.1	0.852		1,1,2-Trichloroethane	ND	0.85	0.21	0.852	
1,2-Dibromoethane	ND	0.85	0.38	0.852		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.40	0.852	
Dibromomethane	ND	0.85	0.60	0.852		Trichloroethene	93	2	0.15	0.852	
1,2-Dichlorobenzene	ND	0.85	0.11	0.852		Trichlorofluoromethane	ND	8.5	0.13	0.852	
1,3-Dichlorobenzene	ND	0.85	0.14	0.852		1,2,3-Trichloropropane	ND	1.7	0.55	0.852	
1,4-Dichlorobenzene	ND	0.85	0.13	0.852		1,2,4-Trimethylbenzene	ND	1.7	0.099	0.852	
Dichlorodifluoromethane	ND	1.7	0.16	0.852		1,3,5-Trimethylbenzene	ND	1.7	0.084	0.852	
1,1-Dichloroethane	ND	0.85	0.14	0.852		Vinyl Acetate	ND	8.5	6.4	0.852	
1,2-Dichloroethane	ND	0.85	0.15	0.852		Vinyl Chloride	0.41	0.85	0.18	0.852	J
1,1-Dichloroethene	ND	0.85	0.12	0.852		p/m-Xylene	ND	1.7	0.17	0.852	
c-1,2-Dichloroethene	24	1	0.24	0.852		o-Xylene	ND	0.85	0.098	0.852	
t-1,2-Dichloroethene	0.53	0.85	0.22	0.852	J	Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.852	
1,2-Dichloropropane	ND	0.85	0.23	0.852		Hexane	8.0	0.8	0.089	0.852	
1,3-Dichloropropane	ND	0.85	0.15	0.852		Isopropanol	ND	43	19	0.852	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	112	71-137			1,2-Dichloroethane-d4	129	58-160				
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	99	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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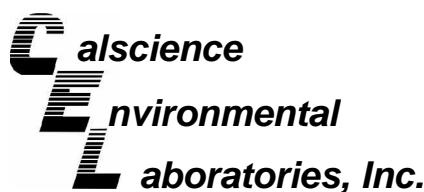
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-50	06-11-0903-6	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	42	5.4	0.849		2,2-Dichloropropane	ND	4.2	0.39	0.849	
Benzene	0.87	0.85	0.11	0.849		1,1-Dichloropropene	ND	1.7	0.19	0.849	
Bromobenzene	ND	0.85	0.18	0.849		c-1,3-Dichloropropene	ND	0.85	0.16	0.849	
Bromoform	ND	1.7	1.2	0.849		t-1,3-Dichloropropene	ND	1.7	1.6	0.849	
Bromochloromethane	ND	0.85	0.12	0.849		Ethylbenzene	0.15	0.85	0.13	0.849	J
Bromodichloromethane	ND	4.2	0.56	0.849		2-Hexanone	ND	17	4.7	0.849	
Bromomethane	ND	17	1.6	0.849		Isopropylbenzene	ND	0.85	0.10	0.849	
2-Butanone	ND	17	8.1	0.849		p-Isopropyltoluene	ND	0.85	0.098	0.849	
n-Butylbenzene	ND	0.85	0.19	0.849		Methylene Chloride	ND	8.5	4.4	0.849	
sec-Butylbenzene	ND	0.85	0.088	0.849		4-Methyl-2-Pentanone	ND	17	1.7	0.849	
tert-Butylbenzene	ND	0.85	0.10	0.849		Naphthalene	ND	8.5	0.28	0.849	
Carbon Disulfide	ND	8.5	0.15	0.849		n-Propylbenzene	ND	0.85	0.87	0.849	
Carbon Tetrachloride	ND	0.85	0.27	0.849		Styrene	ND	0.85	0.17	0.849	
Chlorobenzene	ND	0.85	0.13	0.849		1,1,1,2-Tetrachloroethane	ND	0.85	0.28	0.849	
Chloroethane	ND	1.7	0.35	0.849		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.849	
Chloroform	ND	0.85	0.15	0.849		Tetrachloroethene	0.19	0.85	0.14	0.849	J
Chloromethane	ND	17	2.5	0.849		Toluene	0.62	0.85	0.13	0.849	J,B
2-Chlorotoluene	ND	0.85	0.099	0.849		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.849	
4-Chlorotoluene	ND	0.85	0.089	0.849		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.849	
Dibromochloromethane	ND	1.7	0.17	0.849		1,1,1-Trichloroethane	ND	0.85	0.21	0.849	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.849		1,1,2-Trichloroethane	ND	0.85	0.20	0.849	
1,2-Dibromoethane	ND	0.85	0.38	0.849		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.40	0.849	
Dibromomethane	ND	0.85	0.60	0.849		Trichloroethene	350	2	0.15	0.849	E
1,2-Dichlorobenzene	ND	0.85	0.11	0.849		Trichlorofluoromethane	ND	8.5	0.13	0.849	
1,3-Dichlorobenzene	ND	0.85	0.14	0.849		1,2,3-Trichloropropane	ND	1.7	0.55	0.849	
1,4-Dichlorobenzene	ND	0.85	0.13	0.849		1,2,4-Trimethylbenzene	ND	1.7	0.099	0.849	
Dichlorodifluoromethane	ND	1.7	0.16	0.849		1,3,5-Trimethylbenzene	ND	1.7	0.084	0.849	
1,1-Dichloroethane	0.15	0.85	0.14	0.849	J	Vinyl Acetate	ND	8.5	6.3	0.849	
1,2-Dichloroethane	ND	0.85	0.14	0.849		Vinyl Chloride	6.9	0.8	0.18	0.849	
1,1-Dichloroethene	0.97	0.85	0.12	0.849		p/m-Xylene	0.19	1.7	0.17	0.849	J
c-1,2-Dichloroethene	59	1	0.24	0.849		o-Xylene	ND	0.85	0.097	0.849	
t-1,2-Dichloroethene	1.8	0.8	0.21	0.849		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.849	
1,2-Dichloropropane	ND	0.85	0.23	0.849		Hexane	13	1	0.088	0.849	
1,3-Dichloropropane	ND	0.85	0.15	0.849		Isopropanol	ND	42	19	0.849	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	106	71-137		1,2-Dichloroethane-d4	111	58-160					
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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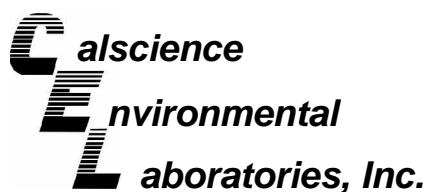
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-50	06-11-0903-6	11/14/06	Solid	11/14/06	11/21/06	061121L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	330	94	8.5	46.9					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits	Qual
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4		112	58-160	
1,4-Bromofluorobenzene	93	66-126			Toluene-d8		99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

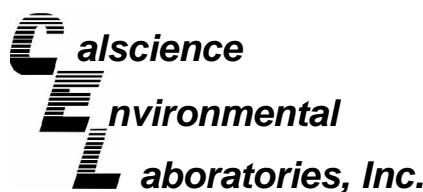
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-60	06-11-0903-7	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.7	39.0	5.0	0.774	J	2,2-Dichloropropane	ND	3.9	0.35	0.774	
Benzene	0.86	0.77	0.10	0.774		1,1-Dichloropropene	ND	1.5	0.17	0.774	
Bromobenzene	ND	0.77	0.16	0.774		c-1,3-Dichloropropene	ND	0.77	0.14	0.774	
Bromoform	ND	1.5	1.1	0.774		t-1,3-Dichloropropene	ND	1.5	1.5	0.774	
Bromochloromethane	ND	0.77	0.11	0.774		Ethylbenzene	ND	0.77	0.12	0.774	
Bromodichloromethane	ND	0.77	0.11	0.774		2-Hexanone	ND	15	4.3	0.774	
Bromomethane	ND	3.9	0.51	0.774		Isopropylbenzene	ND	0.77	0.092	0.774	
2-Butanone	ND	15	1.4	0.774		p-Isopropyltoluene	ND	0.77	0.089	0.774	
n-Butylbenzene	ND	0.77	0.17	0.774		Methylene Chloride	ND	7.7	4.0	0.774	
sec-Butylbenzene	ND	0.77	0.080	0.774		4-Methyl-2-Pentanone	ND	15	1.6	0.774	
tert-Butylbenzene	ND	0.77	0.095	0.774		Naphthalene	ND	7.7	0.25	0.774	
Carbon Disulfide	ND	7.7	0.14	0.774		n-Propylbenzene	ND	0.77	0.79	0.774	
Carbon Tetrachloride	ND	0.77	0.25	0.774		Styrene	ND	0.77	0.16	0.774	
Chlorobenzene	ND	0.77	0.12	0.774		1,1,1,2-Tetrachloroethane	ND	0.77	0.26	0.774	
Chloroethane	ND	1.5	0.32	0.774		1,1,2,2-Tetrachloroethane	ND	1.5	0.18	0.774	
Chloroform	ND	0.77	0.13	0.774		Tetrachloroethene	ND	0.77	0.13	0.774	
Chloromethane	ND	15	2.3	0.774		Toluene	0.51	0.77	0.12	0.774	J,B
2-Chlorotoluene	ND	0.77	0.090	0.774		1,2,3-Trichlorobenzene	ND	1.5	0.16	0.774	
4-Chlorotoluene	ND	0.77	0.081	0.774		1,2,4-Trichlorobenzene	ND	1.5	0.14	0.774	
Dibromochloromethane	ND	1.5	0.15	0.774		1,1,1-Trichloroethane	ND	0.77	0.20	0.774	
1,2-Dibromo-3-Chloropropane	ND	3.9	2.8	0.774		1,1,2-Trichloroethane	ND	0.77	0.19	0.774	
1,2-Dibromoethane	ND	0.77	0.35	0.774		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.7	0.37	0.774	
Dibromomethane	ND	0.77	0.54	0.774		Trichloroethene	110	2	0.14	0.774	
1,2-Dichlorobenzene	ND	0.77	0.099	0.774		Trichlorofluoromethane	ND	7.7	0.12	0.774	
1,3-Dichlorobenzene	ND	0.77	0.13	0.774		1,2,3-Trichloropropane	ND	1.5	0.50	0.774	
1,4-Dichlorobenzene	ND	0.77	0.12	0.774		1,2,4-Trimethylbenzene	ND	1.5	0.090	0.774	
Dichlorodifluoromethane	ND	1.5	0.15	0.774		1,3,5-Trimethylbenzene	ND	1.5	0.076	0.774	
1,1-Dichloroethane	ND	0.77	0.12	0.774		Vinyl Acetate	ND	7.7	5.8	0.774	
1,2-Dichloroethane	ND	0.77	0.13	0.774		Vinyl Chloride	7.6	0.8	0.17	0.774	
1,1-Dichloroethene	1.6	0.8	0.11	0.774		p/m-Xylene	0.17	1.5	0.16	0.774	J
c-1,2-Dichloroethene	8.2	0.8	0.22	0.774		o-Xylene	ND	0.77	0.089	0.774	
t-1,2-Dichloroethene	0.46	0.77	0.20	0.774	J	Methyl-t-Butyl Ether (MTBE)	ND	1.5	0.10	0.774	
1,2-Dichloropropane	ND	0.77	0.21	0.774		Hexane	0.15	0.77	0.080	0.774	J
1,3-Dichloropropane	ND	0.77	0.14	0.774		Isopropanol	ND	39	18	0.774	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	121	58-160					
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	97	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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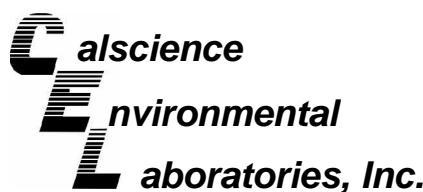
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-60X	06-11-0903-8	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	39	5.0	0.775		2,2-Dichloropropane	ND	3.9	0.35	0.775	
Benzene	1.0	0.8	0.10	0.775	B	1,1-Dichloropropene	ND	1.6	0.17	0.775	
Bromobenzene	ND	0.78	0.16	0.775		c-1,3-Dichloropropene	ND	0.78	0.14	0.775	
Bromoform	ND	1.6	1.1	0.775		t-1,3-Dichloropropene	ND	1.6	1.5	0.775	
Bromochloromethane	ND	0.78	0.11	0.775		Ethylbenzene	ND	0.78	0.12	0.775	
Bromodichloromethane	ND	0.78	0.11	0.775		2-Hexanone	ND	16	4.3	0.775	
Bromomethane	ND	3.9	0.51	0.775		Isopropylbenzene	ND	0.78	0.092	0.775	
2-Butanone	ND	16	1.4	0.775		p-Isopropyltoluene	ND	0.78	0.089	0.775	
n-Butylbenzene	ND	0.78	0.17	0.775		Methylene Chloride	ND	7.8	4.0	0.775	
sec-Butylbenzene	ND	0.78	0.080	0.775		4-Methyl-2-Pentanone	ND	16	1.6	0.775	
tert-Butylbenzene	ND	0.78	0.096	0.775		Naphthalene	ND	7.8	0.25	0.775	
Carbon Disulfide	0.14	7.8	0.14	0.775	J	n-Propylbenzene	ND	0.78	0.79	0.775	
Carbon Tetrachloride	ND	0.78	0.25	0.775		Styrene	ND	0.78	0.16	0.775	
Chlorobenzene	ND	0.78	0.12	0.775		1,1,1,2-Tetrachloroethane	ND	0.78	0.26	0.775	
Chloroethane	ND	1.6	0.32	0.775		1,1,2,2-Tetrachloroethane	ND	1.6	0.18	0.775	
Chloroform	ND	0.78	0.13	0.775		Tetrachloroethene	ND	0.78	0.13	0.775	
Chloromethane	ND	16	2.3	0.775		Toluene	0.55	0.78	0.12	0.775	J,B
2-Chlorotoluene	ND	0.78	0.090	0.775		1,2,3-Trichlorobenzene	ND	1.6	0.16	0.775	
4-Chlorotoluene	ND	0.78	0.081	0.775		1,2,4-Trichlorobenzene	ND	1.6	0.14	0.775	
Dibromochloromethane	ND	1.6	0.15	0.775		1,1,1-Trichloroethane	ND	0.78	0.20	0.775	
1,2-Dibromo-3-Chloropropane	ND	3.9	2.8	0.775		1,1,2-Trichloroethane	ND	0.78	0.19	0.775	
1,2-Dibromoethane	ND	0.78	0.35	0.775		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.37	0.775	
Dibromomethane	ND	0.78	0.54	0.775		Trichloroethene	120	2	0.14	0.775	
1,2-Dichlorobenzene	ND	0.78	0.099	0.775		Trichlorofluoromethane	ND	7.8	0.12	0.775	
1,3-Dichlorobenzene	ND	0.78	0.13	0.775		1,2,3-Trichloropropane	ND	1.6	0.50	0.775	
1,4-Dichlorobenzene	ND	0.78	0.12	0.775		1,2,4-Trimethylbenzene	ND	1.6	0.090	0.775	
Dichlorodifluoromethane	ND	1.6	0.15	0.775		1,3,5-Trimethylbenzene	ND	1.6	0.077	0.775	
1,1-Dichloroethane	ND	0.78	0.12	0.775		Vinyl Acetate	ND	7.8	5.8	0.775	
1,2-Dichloroethane	ND	0.78	0.13	0.775		Vinyl Chloride	7.3	0.8	0.17	0.775	
1,1-Dichloroethene	1.5	0.8	0.11	0.775		p/m-Xylene	0.21	1.6	0.16	0.775	J
c-1,2-Dichloroethene	9.7	0.8	0.22	0.775		o-Xylene	ND	0.78	0.089	0.775	
t-1,2-Dichloroethene	0.55	0.78	0.20	0.775	J	Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.10	0.775	
1,2-Dichloropropane	ND	0.78	0.21	0.775		Hexane	0.18	0.78	0.081	0.775	J,B
1,3-Dichloropropane	ND	0.78	0.14	0.775		Isopropanol	ND	39	18	0.775	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	103	71-137			1,2-Dichloroethane-d4	112	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	97	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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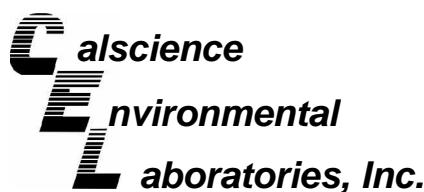
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-65	06-11-0903-9	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	42	5.4	0.847		2,2-Dichloropropane	ND	4.2	0.39	0.847	
Benzene	1.3	0.8	0.11	0.847		1,1-Dichloropropene	ND	1.7	0.19	0.847	
Bromobenzene	ND	0.85	0.18	0.847		c-1,3-Dichloropropene	ND	0.85	0.15	0.847	
Bromoform	ND	1.7	1.2	0.847		t-1,3-Dichloropropene	ND	1.7	1.6	0.847	
Bromochloromethane	ND	0.85	0.12	0.847		Ethylbenzene	ND	0.85	0.13	0.847	
Bromodichloromethane	ND	4.2	0.56	0.847		2-Hexanone	ND	17	4.7	0.847	
Bromomethane	ND	17	1.6	0.847		Isopropylbenzene	ND	0.85	0.10	0.847	
2-Butanone	ND	17	8.1	0.847		p-Isopropyltoluene	ND	0.85	0.098	0.847	
n-Butylbenzene	ND	0.85	0.19	0.847		Methylene Chloride	ND	8.5	4.4	0.847	
sec-Butylbenzene	ND	0.85	0.087	0.847		4-Methyl-2-Pentanone	ND	17	1.7	0.847	
tert-Butylbenzene	ND	0.85	0.10	0.847		Naphthalene	ND	8.5	0.28	0.847	
Carbon Disulfide	ND	8.5	0.15	0.847		n-Propylbenzene	ND	0.85	0.87	0.847	
Carbon Tetrachloride	ND	0.85	0.27	0.847		Styrene	ND	0.85	0.17	0.847	
Chlorobenzene	ND	0.85	0.13	0.847		1,1,1,2-Tetrachloroethane	ND	0.85	0.28	0.847	
Chloroethane	ND	1.7	0.35	0.847		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.847	
Chloroform	ND	0.85	0.15	0.847		Tetrachloroethene	0.21	0.85	0.14	0.847	J
Chloromethane	ND	17	2.5	0.847		Toluene	0.66	0.85	0.13	0.847	J,B
2-Chlorotoluene	ND	0.85	0.099	0.847		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.847	
4-Chlorotoluene	ND	0.85	0.088	0.847		1,2,4-Trichlorobenzene	ND	1.7	0.15	0.847	
Dibromochloromethane	ND	1.7	0.17	0.847		1,1,1-Trichloroethane	ND	0.85	0.21	0.847	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.847		1,1,2-Trichloroethane	ND	0.85	0.20	0.847	
1,2-Dibromoethane	ND	0.85	0.38	0.847		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.40	0.847	
Dibromomethane	ND	0.85	0.59	0.847		Trichloroethene	320	2	0.15	0.847	E
1,2-Dichlorobenzene	ND	0.85	0.11	0.847		Trichlorofluoromethane	ND	8.5	0.13	0.847	
1,3-Dichlorobenzene	ND	0.85	0.14	0.847		1,2,3-Trichloropropane	ND	1.7	0.55	0.847	
1,4-Dichlorobenzene	ND	0.85	0.13	0.847		1,2,4-Trimethylbenzene	ND	1.7	0.099	0.847	
Dichlorodifluoromethane	ND	1.7	0.16	0.847		1,3,5-Trimethylbenzene	ND	1.7	0.084	0.847	
1,1-Dichloroethane	ND	0.85	0.13	0.847		Vinyl Acetate	ND	8.5	6.3	0.847	
1,2-Dichloroethane	ND	0.85	0.14	0.847		Vinyl Chloride	15	1	0.18	0.847	
1,1-Dichloroethene	2.0	0.8	0.12	0.847		p/m-Xylene	0.18	1.7	0.17	0.847	J
c-1,2-Dichloroethene	45	1	0.24	0.847		o-Xylene	ND	0.85	0.097	0.847	
t-1,2-Dichloroethene	1.2	0.8	0.21	0.847		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.847	
1,2-Dichloropropane	ND	0.85	0.23	0.847		Hexane	ND	0.85	0.088	0.847	
1,3-Dichloropropane	ND	0.85	0.15	0.847		Isopropanol	ND	42	19	0.847	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	103	71-137		1,2-Dichloroethane-d4	116	58-160					
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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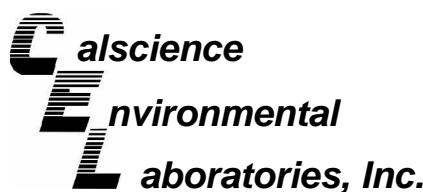
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-65	06-11-0903-9	11/14/06	Solid	11/14/06	11/16/06	061115L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	300	81	7.4	40.7					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits	Qual
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4	106	58-160	
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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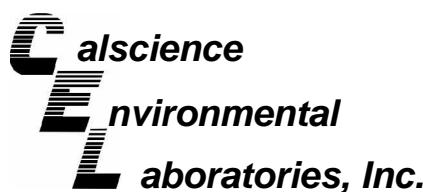
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-55	06-11-0903-10	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	50.0	6.4	0.994	J	2,2-Dichloropropane	ND	5.0	0.45	0.994	
Benzene	0.81	0.99	0.13	0.994	J	1,1-Dichloropropene	ND	2.0	0.22	0.994	
Bromobenzene	ND	0.99	0.21	0.994		c-1,3-Dichloropropene	ND	0.99	0.18	0.994	
Bromoform	ND	2.0	1.4	0.994		t-1,3-Dichloropropene	ND	2.0	1.9	0.994	
Bromochloromethane	ND	0.99	0.15	0.994		Ethylbenzene	ND	0.99	0.15	0.994	
Bromodichloromethane	ND	5.0	0.66	0.994		2-Hexanone	ND	20	5.6	0.994	
Bromomethane	ND	20	1.8	0.994		Isopropylbenzene	ND	0.99	0.12	0.994	
2-Butanone	ND	20	9.5	0.994		p-Isopropyltoluene	ND	0.99	0.11	0.994	
n-Butylbenzene	ND	0.99	0.22	0.994		Methylene Chloride	ND	9.9	5.2	0.994	
sec-Butylbenzene	ND	0.99	0.10	0.994		4-Methyl-2-Pentanone	ND	20	2.0	0.994	
tert-Butylbenzene	ND	0.99	0.12	0.994		Naphthalene	ND	9.9	0.32	0.994	
Carbon Disulfide	ND	9.9	0.17	0.994		n-Propylbenzene	ND	0.99	1.0	0.994	
Carbon Tetrachloride	ND	0.99	0.32	0.994		Styrene	ND	0.99	0.20	0.994	
Chlorobenzene	ND	0.99	0.15	0.994		1,1,1,2-Tetrachloroethane	ND	0.99	0.33	0.994	
Chloroethane	ND	2.0	0.41	0.994		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	0.994	
Chloroform	ND	0.99	0.17	0.994		Tetrachloroethene	ND	0.99	0.17	0.994	
Chloromethane	ND	20	2.9	0.994		Toluene	0.46	0.99	0.15	0.994	J,B
2-Chlorotoluene	ND	0.99	0.12	0.994		1,2,3-Trichlorobenzene	ND	2.0	0.20	0.994	
4-Chlorotoluene	ND	0.99	0.10	0.994		1,2,4-Trichlorobenzene	ND	2.0	0.18	0.994	
Dibromochloromethane	ND	2.0	0.20	0.994		1,1,1-Trichloroethane	ND	0.99	0.25	0.994	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.6	0.994		1,1,2-Trichloroethane	ND	0.99	0.24	0.994	
1,2-Dibromoethane	ND	0.99	0.44	0.994		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.9	0.47	0.994	
Dibromomethane	ND	0.99	0.70	0.994		Trichloroethene	180	2	0.18	0.994	
1,2-Dichlorobenzene	ND	0.99	0.13	0.994		Trichlorofluoromethane	ND	9.9	0.16	0.994	
1,3-Dichlorobenzene	ND	0.99	0.16	0.994		1,2,3-Trichloropropane	ND	2.0	0.65	0.994	
1,4-Dichlorobenzene	ND	0.99	0.15	0.994		1,2,4-Trimethylbenzene	ND	2.0	0.12	0.994	
Dichlorodifluoromethane	ND	2.0	0.19	0.994		1,3,5-Trimethylbenzene	ND	2.0	0.098	0.994	
1,1-Dichloroethane	ND	0.99	0.16	0.994		Vinyl Acetate	ND	9.9	7.4	0.994	
1,2-Dichloroethane	ND	0.99	0.17	0.994		Vinyl Chloride	4.2	1.0	0.21	0.994	
1,1-Dichloroethene	0.68	0.99	0.14	0.994	J	p/m-Xylene	ND	2.0	0.20	0.994	
c-1,2-Dichloroethene	24	1	0.28	0.994		o-Xylene	ND	0.99	0.11	0.994	
t-1,2-Dichloroethene	0.96	0.99	0.25	0.994	J	Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	0.994	
1,2-Dichloropropane	ND	0.99	0.26	0.994		Hexane	14	1	0.10	0.994	
1,3-Dichloropropane	ND	0.99	0.17	0.994		Isopropanol	ND	50	23	0.994	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	106	71-137		1,2-Dichloroethane-d4	123	58-160					
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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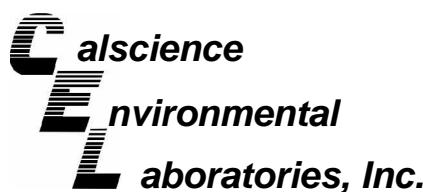
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-70	06-11-0903-11	11/14/06	Solid	11/14/06	11/16/06	061116L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2300	290	45.7		2,2-Dichloropropane	ND	230	21	45.7	
Benzene	ND	46	6.2	45.7		1,1-Dichloropropene	ND	91	10	45.7	
Bromobenzene	ND	46	9.6	45.7		c-1,3-Dichloropropene	ND	46	8.3	45.7	
Bromoform	ND	91	63	45.7		t-1,3-Dichloropropene	ND	91	87	45.7	
Bromochloromethane	ND	46	6.7	45.7		Ethylbenzene	ND	46	7.1	45.7	
Bromodichloromethane	ND	230	30	45.7		2-Hexanone	ND	910	260	45.7	
Bromoform	ND	910	84	45.7		Isopropylbenzene	ND	46	5.4	45.7	
Bromomethane	ND	910	440	45.7		p-Isopropyltoluene	ND	46	5.3	45.7	
2-Butanone	ND	46	10	45.7		Methylene Chloride	510	460	240	45.7	
n-Butylbenzene	ND	46	4.7	45.7		4-Methyl-2-Pentanone	ND	910	93	45.7	
sec-Butylbenzene	ND	46	5.6	45.7		Naphthalene	ND	460	15	45.7	
tert-Butylbenzene	ND	460	8.0	45.7		n-Propylbenzene	ND	46	47	45.7	
Carbon Disulfide	ND	46	15	45.7		Styrene	ND	46	9.4	45.7	
Carbon Tetrachloride	ND	46	6.8	45.7		1,1,1,2-Tetrachloroethane	ND	46	15	45.7	
Chlorobenzene	ND	91	19	45.7		1,1,2,2-Tetrachloroethane	ND	91	11	45.7	
Chloroethane	ND	46	7.9	45.7		Tetrachloroethene	ND	46	7.7	45.7	
Chloroform	ND	910	130	45.7		Toluene	ND	46	6.9	45.7	
Chloromethane	ND	46	5.3	45.7		1,2,3-Trichlorobenzene	ND	91	9.3	45.7	
2-Chlorotoluene	ND	46	4.8	45.7		1,2,4-Trichlorobenzene	ND	91	8.4	45.7	
4-Chlorotoluene	ND	91	9.1	45.7		1,1,1-Trichloroethane	ND	46	12	45.7	
Dibromo-3-Chloropropane	ND	230	170	45.7		1,1,2-Trichloroethane	ND	46	11	45.7	
1,2-Dibromo-3-Chloropropane	ND	46	20	45.7		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	460	22	45.7	
1,2-Dibromoethane	ND	46	32	45.7		Trichloroethene	640	91	8.3	45.7	
Dibromomethane	ND	46	5.8	45.7		Trichlorofluoromethane	ND	460	7.2	45.7	
1,2-Dichlorobenzene	ND	46	7.5	45.7		1,2,3-Trichloropropane	ND	91	30	45.7	
1,3-Dichlorobenzene	ND	46	7.0	45.7		1,2,4-Trimethylbenzene	ND	91	5.3	45.7	
1,4-Dichlorobenzene	ND	91	8.8	45.7		1,3,5-Trimethylbenzene	ND	91	4.5	45.7	
Dichlorodifluoromethane	ND	46	7.3	45.7		Vinyl Acetate	ND	460	340	45.7	
1,1-Dichloroethane	ND	46	7.8	45.7		Vinyl Chloride	ND	46	9.8	45.7	
1,1-Dichloroethene	ND	46	6.4	45.7		p/m-Xylene	ND	91	9.2	45.7	
c-1,2-Dichloroethene	77	46	13	45.7		o-Xylene	ND	46	5.2	45.7	
t-1,2-Dichloroethene	ND	46	12	45.7		Methyl-t-Butyl Ether (MTBE)	ND	91	6.1	45.7	
1,2-Dichloropropane	ND	46	12	45.7		Hexane	7.5	46.0	4.8	45.7	J,B
1,3-Dichloropropane	ND	46	8.0	45.7		Isopropanol	ND	2300	1000	45.7	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	103	58-160				
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	97	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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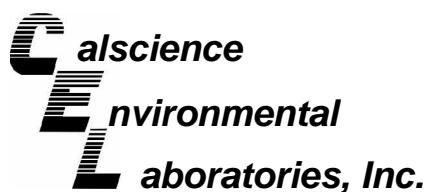
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-75	06-11-0903-12	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	15	46	5.9	0.923	J	2,2-Dichloropropane	ND	4.6	0.42	0.923	
Benzene	0.59	0.92	0.12	0.923	J	1,1-Dichloropropene	ND	1.8	0.20	0.923	
Bromobenzene	ND	0.92	0.19	0.923		c-1,3-Dichloropropene	ND	0.92	0.17	0.923	
Bromoform	ND	1.8	1.3	0.923		t-1,3-Dichloropropene	ND	1.8	1.8	0.923	
Bromochloromethane	ND	0.92	0.14	0.923		Ethylbenzene	ND	0.92	0.14	0.923	
Bromodichloromethane	ND	4.6	0.61	0.923		2-Hexanone	ND	18	5.2	0.923	
Bromomethane	ND	18	1.7	0.923		Isopropylbenzene	ND	0.92	0.11	0.923	
2-Butanone	ND	18	8.8	0.923		p-Isopropyltoluene	ND	0.92	0.11	0.923	
n-Butylbenzene	ND	0.92	0.21	0.923		Methylene Chloride	ND	9.2	4.8	0.923	
sec-Butylbenzene	ND	0.92	0.095	0.923		4-Methyl-2-Pentanone	ND	18	1.9	0.923	
tert-Butylbenzene	ND	0.92	0.11	0.923		Naphthalene	ND	9.2	0.30	0.923	
Carbon Disulfide	ND	9.2	0.16	0.923		n-Propylbenzene	ND	0.92	0.94	0.923	
Carbon Tetrachloride	ND	0.92	0.29	0.923		Styrene	ND	0.92	0.19	0.923	
Chlorobenzene	ND	0.92	0.14	0.923		1,1,1,2-Tetrachloroethane	ND	0.92	0.31	0.923	
Chloroethane	ND	1.8	0.38	0.923		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.923	
Chloroform	ND	0.92	0.16	0.923		Tetrachloroethene	ND	0.92	0.16	0.923	
Chloromethane	ND	18	2.7	0.923		Toluene	0.52	0.92	0.14	0.923	J,B
2-Chlorotoluene	ND	0.92	0.11	0.923		1,2,3-Trichlorobenzene	ND	1.8	0.19	0.923	
4-Chlorotoluene	ND	0.92	0.096	0.923		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.923	
Dibromochloromethane	ND	1.8	0.18	0.923		1,1,1-Trichloroethane	ND	0.92	0.23	0.923	
1,2-Dibromo-3-Chloropropane	ND	4.6	3.4	0.923		1,1,2-Trichloroethane	ND	0.92	0.22	0.923	
1,2-Dibromoethane	ND	0.92	0.41	0.923		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	0.44	0.923	
Dibromomethane	ND	0.92	0.65	0.923		Trichloroethene	250	2	0.17	0.923	E
1,2-Dichlorobenzene	ND	0.92	0.12	0.923		Trichlorofluoromethane	ND	9.2	0.14	0.923	
1,3-Dichlorobenzene	ND	0.92	0.15	0.923		1,2,3-Trichloropropane	ND	1.8	0.60	0.923	
1,4-Dichlorobenzene	ND	0.92	0.14	0.923		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.923	
Dichlorodifluoromethane	ND	1.8	0.18	0.923		1,3,5-Trimethylbenzene	ND	1.8	0.091	0.923	
1,1-Dichloroethane	ND	0.92	0.15	0.923		Vinyl Acetate	ND	9.2	6.9	0.923	
1,2-Dichloroethane	ND	0.92	0.16	0.923		Vinyl Chloride	ND	0.92	0.20	0.923	
1,1-Dichloroethene	0.29	0.92	0.13	0.923	J	p/m-Xylene	ND	1.8	0.19	0.923	
c-1,2-Dichloroethene	2.2	0.9	0.26	0.923		o-Xylene	ND	0.92	0.11	0.923	
t-1,2-Dichloroethene	ND	0.92	0.23	0.923		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.923	
1,2-Dichloropropane	ND	0.92	0.25	0.923		Hexane	ND	0.92	0.096	0.923	
1,3-Dichloropropane	ND	0.92	0.16	0.923		Isopropanol	ND	46	21	0.923	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	127	58-160					
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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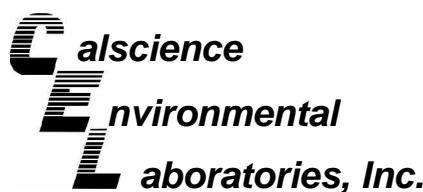
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-75	06-11-0903-12	11/14/06	Solid	11/14/06	11/16/06	061115L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	REC (%)	Control Limits	Qual
Trichloroethene	270	82	7.4	41.1								
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits		REC (%)	Control Limits	
Dibromofluoromethane	101	71-137				1,2-Dichloroethane-d4				110	58-160	
1,4-Bromofluorobenzene	96	66-126				Toluene-d8				100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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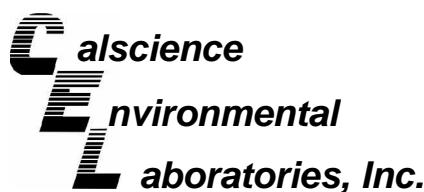
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-80	06-11-0903-13	11/14/06	Solid	11/14/06	11/15/06	061115L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	41	5.3	0.824		2,2-Dichloropropane	ND	4.1	0.38	0.824	
Benzene	0.21	0.82	0.11	0.824	J	1,1-Dichloropropene	ND	1.6	0.18	0.824	
Bromobenzene	ND	0.82	0.17	0.824		c-1,3-Dichloropropene	ND	0.82	0.15	0.824	
Bromoform	ND	1.6	1.1	0.824		t-1,3-Dichloropropene	ND	1.6	1.6	0.824	
Bromochloromethane	ND	0.82	0.12	0.824		Ethylbenzene	ND	0.82	0.13	0.824	
Bromodichloromethane	ND	0.82	0.12	0.824		2-Hexanone	ND	16	4.6	0.824	
Bromomethane	ND	4.1	0.55	0.824		Isopropylbenzene	ND	0.82	0.098	0.824	
2-Butanone	ND	16	1.5	0.824		p-Isopropyltoluene	ND	0.82	0.095	0.824	
n-Butylbenzene	ND	0.82	0.18	0.824		Methylene Chloride	ND	8.2	4.3	0.824	
sec-Butylbenzene	ND	0.82	0.085	0.824		4-Methyl-2-Pentanone	ND	16	1.7	0.824	
tert-Butylbenzene	ND	0.82	0.10	0.824		Naphthalene	ND	8.2	0.27	0.824	
Carbon Disulfide	ND	8.2	0.14	0.824		n-Propylbenzene	ND	0.82	0.84	0.824	
Carbon Tetrachloride	ND	0.82	0.26	0.824		Styrene	ND	0.82	0.17	0.824	
Chlorobenzene	ND	0.82	0.12	0.824		1,1,1,2-Tetrachloroethane	ND	0.82	0.27	0.824	
Chloroethane	ND	1.6	0.34	0.824		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.824	
Chloroform	ND	0.82	0.14	0.824		Tetrachloroethene	ND	0.82	0.14	0.824	
Chloromethane	ND	16	2.4	0.824		Toluene	0.18	0.82	0.12	0.824	J,B
2-Chlorotoluene	ND	0.82	0.096	0.824		1,2,3-Trichlorobenzene	ND	1.6	0.17	0.824	
4-Chlorotoluene	ND	0.82	0.086	0.824		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.824	
Dibromochloromethane	ND	1.6	0.16	0.824		1,1,1-Trichloroethane	ND	0.82	0.21	0.824	
1,2-Dibromo-3-Chloropropane	ND	4.1	3.0	0.824		1,1,2-Trichloroethane	ND	0.82	0.20	0.824	
1,2-Dibromoethane	ND	0.82	0.37	0.824		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.39	0.824	
Dibromomethane	ND	0.82	0.58	0.824		Trichloroethene	450	2	0.15	0.824	E
1,2-Dichlorobenzene	ND	0.82	0.11	0.824		Trichlorofluoromethane	ND	8.2	0.13	0.824	
1,3-Dichlorobenzene	ND	0.82	0.13	0.824		1,2,3-Trichloropropane	ND	1.6	0.54	0.824	
1,4-Dichlorobenzene	ND	0.82	0.13	0.824		1,2,4-Trimethylbenzene	ND	1.6	0.096	0.824	
Dichlorodifluoromethane	ND	1.6	0.16	0.824		1,3,5-Trimethylbenzene	ND	1.6	0.081	0.824	
1,1-Dichloroethane	ND	0.82	0.13	0.824		Vinyl Acetate	ND	8.2	6.2	0.824	
1,2-Dichloroethane	ND	0.82	0.14	0.824		Vinyl Chloride	ND	0.82	0.18	0.824	
1,1-Dichloroethene	0.30	0.82	0.11	0.824	J	p/m-Xylene	ND	1.6	0.17	0.824	
c-1,2-Dichloroethene	1.4	0.8	0.23	0.824		o-Xylene	ND	0.82	0.095	0.824	
t-1,2-Dichloroethene	ND	0.82	0.21	0.824		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.824	
1,2-Dichloropropane	ND	0.82	0.22	0.824		Hexane	ND	0.82	0.086	0.824	
1,3-Dichloropropane	ND	0.82	0.14	0.824		Isopropanol	59	41	19	0.824	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>			
Dibromofluoromethane	110	71-137			1,2-Dichloroethane-d4	126	58-160				
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	99	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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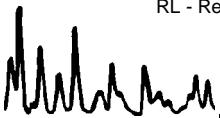
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-80	06-11-0903-13	11/14/06	Solid	11/14/06	11/15/06	061115L02

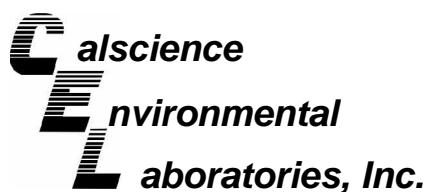
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	550	90	8.1	45					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits	Qual
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	106	58-160	
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

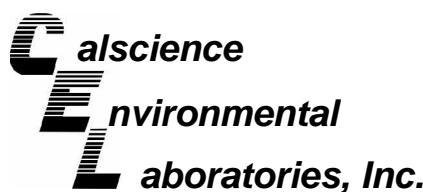
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-85	06-11-0903-14	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	6.0	44.0	5.6	0.873	J	2,2-Dichloropropane	ND	4.4	0.40	0.873	
Benzene	0.99	0.87	0.12	0.873		1,1-Dichloropropene	ND	1.7	0.19	0.873	
Bromobenzene	ND	0.87	0.18	0.873		c-1,3-Dichloropropene	ND	0.87	0.16	0.873	
Bromoform	ND	1.7	1.2	0.873		t-1,3-Dichloropropene	ND	1.7	1.7	0.873	
Bromochloromethane	ND	0.87	0.13	0.873		Ethylbenzene	ND	0.87	0.14	0.873	
Bromodichloromethane	ND	4.4	0.58	0.873		2-Hexanone	ND	17	4.9	0.873	
Bromomethane	ND	17	1.6	0.873		Isopropylbenzene	ND	0.87	0.10	0.873	
2-Butanone	ND	17	8.3	0.873		p-Isopropyltoluene	ND	0.87	0.10	0.873	
n-Butylbenzene	ND	0.87	0.19	0.873		Methylene Chloride	ND	8.7	4.5	0.873	
sec-Butylbenzene	ND	0.87	0.090	0.873		4-Methyl-2-Pentanone	ND	17	1.8	0.873	
tert-Butylbenzene	ND	0.87	0.11	0.873		Naphthalene	ND	8.7	0.28	0.873	
Carbon Disulfide	ND	8.7	0.15	0.873		n-Propylbenzene	ND	0.87	0.89	0.873	
Carbon Tetrachloride	ND	0.87	0.28	0.873		Styrene	ND	0.87	0.18	0.873	
Chlorobenzene	ND	0.87	0.13	0.873		1,1,1,2-Tetrachloroethane	ND	0.87	0.29	0.873	
Chloroethane	ND	1.7	0.36	0.873		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.873	
Chloroform	3.4	0.9	0.15	0.873		Tetrachloroethene	0.30	0.87	0.15	0.873	J
Chloromethane	ND	17	2.5	0.873		Toluene	0.56	0.87	0.13	0.873	J,B
2-Chlorotoluene	ND	0.87	0.10	0.873		1,2,3-Trichlorobenzene	ND	1.7	0.18	0.873	
4-Chlorotoluene	ND	0.87	0.091	0.873		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.873	
Dibromochloromethane	ND	1.7	0.17	0.873		1,1,1-Trichloroethane	ND	0.87	0.22	0.873	
1,2-Dibromo-3-Chloropropane	ND	4.4	3.2	0.873		1,1,2-Trichloroethane	ND	0.87	0.21	0.873	
1,2-Dibromoethane	ND	0.87	0.39	0.873		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.41	0.873	
Dibromomethane	ND	0.87	0.61	0.873		Trichloroethene	170	2	0.16	0.873	
1,2-Dichlorobenzene	ND	0.87	0.11	0.873		Trichlorofluoromethane	ND	8.7	0.14	0.873	
1,3-Dichlorobenzene	ND	0.87	0.14	0.873		1,2,3-Trichloropropane	ND	1.7	0.57	0.873	
1,4-Dichlorobenzene	ND	0.87	0.13	0.873		1,2,4-Trimethylbenzene	ND	1.7	0.10	0.873	
Dichlorodifluoromethane	ND	1.7	0.17	0.873		1,3,5-Trimethylbenzene	ND	1.7	0.086	0.873	
1,1-Dichloroethane	0.26	0.87	0.14	0.873	J	Vinyl Acetate	ND	8.7	6.5	0.873	
1,2-Dichloroethane	ND	0.87	0.15	0.873		Vinyl Chloride	ND	0.87	0.19	0.873	
1,1-Dichloroethene	0.47	0.87	0.12	0.873	J	p/m-Xylene	ND	1.7	0.18	0.873	
c-1,2-Dichloroethene	5.6	0.9	0.25	0.873		o-Xylene	ND	0.87	0.10	0.873	
t-1,2-Dichloroethene	ND	0.87	0.22	0.873		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.12	0.873	
1,2-Dichloropropane	ND	0.87	0.23	0.873		Hexane	ND	0.87	0.091	0.873	
1,3-Dichloropropane	ND	0.87	0.15	0.873		Isopropanol	ND	44	20	0.873	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	113	71-137		1,2-Dichloroethane-d4	126	58-160					
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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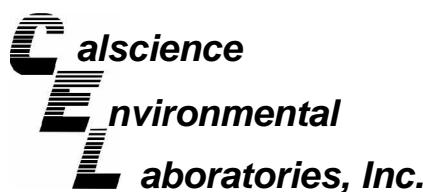
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-90	06-11-0903-15	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	15	51	6.5	1.02	J	2,2-Dichloropropane	ND	5.1	0.47	1.02	
Benzene	1.3	1.0	0.14	1.02		1,1-Dichloropropene	ND	2.0	0.22	1.02	
Bromobenzene	ND	1.0	0.21	1.02		c-1,3-Dichloropropene	ND	1.0	0.19	1.02	
Bromoform	ND	2.0	1.4	1.02		t-1,3-Dichloropropene	ND	2.0	1.9	1.02	
Bromochloromethane	ND	1.0	0.15	1.02		Ethylbenzene	ND	1.0	0.16	1.02	
Bromodichloromethane	ND	5.1	0.68	1.02		2-Hexanone	ND	20	5.7	1.02	
Bromomethane	ND	20	1.9	1.02		Isopropylbenzene	ND	1.0	0.12	1.02	
2-Butanone	ND	20	9.7	1.02		p-Isopropyltoluene	ND	1.0	0.12	1.02	
n-Butylbenzene	ND	1.0	0.23	1.02		Methylene Chloride	ND	10	5.3	1.02	
sec-Butylbenzene	ND	1.0	0.11	1.02		4-Methyl-2-Pentanone	ND	20	2.1	1.02	
tert-Butylbenzene	ND	1.0	0.13	1.02		Naphthalene	ND	10	0.33	1.02	
Carbon Disulfide	ND	10	0.18	1.02		n-Propylbenzene	ND	1.0	1.0	1.02	
Carbon Tetrachloride	ND	1.0	0.33	1.02		Styrene	ND	1.0	0.21	1.02	
Chlorobenzene	ND	1.0	0.15	1.02		1,1,1,2-Tetrachloroethane	ND	1.0	0.34	1.02	
Chloroethane	ND	2.0	0.42	1.02		1,1,2,2-Tetrachloroethane	ND	2.0	0.24	1.02	
Chloroform	ND	1.0	0.18	1.02		Tetrachloroethene	ND	1.0	0.17	1.02	
Chloromethane	ND	20	3.0	1.02		Toluene	0.73	1.0	0.15	1.02	J,B
2-Chlorotoluene	ND	1.0	0.12	1.02		1,2,3-Trichlorobenzene	ND	2.0	0.21	1.02	
4-Chlorotoluene	ND	1.0	0.11	1.02		1,2,4-Trichlorobenzene	ND	2.0	0.19	1.02	
Dibromochloromethane	ND	2.0	0.20	1.02		1,1,1-Trichloroethane	ND	1.0	0.26	1.02	
1,2-Dibromo-3-Chloropropane	ND	5.1	3.7	1.02		1,1,2-Trichloroethane	ND	1.0	0.25	1.02	
1,2-Dibromoethane	ND	1.0	0.46	1.02		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.48	1.02	
Dibromomethane	ND	1.0	0.72	1.02		Trichloroethene	200	2	0.18	1.02	
1,2-Dichlorobenzene	ND	1.0	0.13	1.02		Trichlorofluoromethane	ND	10	0.16	1.02	
1,3-Dichlorobenzene	ND	1.0	0.17	1.02		1,2,3-Trichloropropane	ND	2.0	0.66	1.02	
1,4-Dichlorobenzene	ND	1.0	0.16	1.02		1,2,4-Trimethylbenzene	ND	2.0	0.12	1.02	
Dichlorodifluoromethane	ND	2.0	0.20	1.02		1,3,5-Trimethylbenzene	ND	2.0	0.10	1.02	
1,1-Dichloroethane	0.25	1.0	0.16	1.02	J	Vinyl Acetate	ND	10	7.6	1.02	
1,2-Dichloroethane	ND	1.0	0.17	1.02		Vinyl Chloride	ND	1.0	0.22	1.02	
1,1-Dichloroethene	0.61	1.0	0.14	1.02	J	p/m-Xylene	ND	2.0	0.21	1.02	
c-1,2-Dichloroethene	6.3	1.0	0.29	1.02		o-Xylene	ND	1.0	0.12	1.02	
t-1,2-Dichloroethene	ND	1.0	0.26	1.02		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.14	1.02	
1,2-Dichloropropane	ND	1.0	0.27	1.02		Hexane	ND	1.0	0.11	1.02	
1,3-Dichloropropane	ND	1.0	0.18	1.02		Isopropanol	ND	51	23	1.02	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	113	71-137			1,2-Dichloroethane-d4	132	58-160				
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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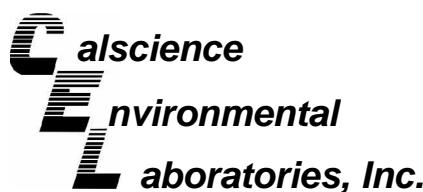
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-95	06-11-0903-16	11/14/06	Solid	11/14/06	11/16/06	061116L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	42		2,2-Dichloropropane	ND	210	19	42	
Benzene	ND	42	5.7	42		1,1-Dichloropropene	ND	84	9.3	42	
Bromobenzene	ND	42	8.8	42		c-1,3-Dichloropropene	ND	42	7.7	42	
Bromoform	ND	84	58	42		t-1,3-Dichloropropene	ND	84	80	42	
Bromochloromethane	ND	42	6.2	42		Ethylbenzene	ND	42	6.5	42	
Bromodichloromethane	ND	210	28	42		2-Hexanone	ND	840	230	42	
Bromoform	ND	840	78	42		Isopropylbenzene	ND	42	5.0	42	
Bromomethane	ND	840	400	42		p-Isopropyltoluene	ND	42	4.8	42	
2-Butanone	ND	42	9.3	42		Methylene Chloride	470	420	220	42	
n-Butylbenzene	ND	42	4.3	42		4-Methyl-2-Pentanone	ND	840	85	42	
sec-Butylbenzene	ND	42	5.2	42		Naphthalene	ND	420	14	42	
tert-Butylbenzene	ND	420	7.4	42		n-Propylbenzene	ND	42	43	42	
Carbon Disulfide	ND	42	13	42		Styrene	ND	42	8.6	42	
Carbon Tetrachloride	ND	42	6.3	42		1,1,1,2-Tetrachloroethane	ND	42	14	42	
Chlorobenzene	ND	84	17	42		1,1,2,2-Tetrachloroethane	ND	84	9.7	42	
Chloroethane	ND	42	7.2	42		Tetrachloroethene	ND	42	7.1	42	
Chloroform	ND	840	120	42		Toluene	ND	42	6.3	42	
Chloromethane	ND	42	4.9	42		1,2,3-Trichlorobenzene	ND	84	8.6	42	
2-Chlorotoluene	ND	42	4.4	42		1,2,4-Trichlorobenzene	ND	84	7.7	42	
4-Chlorotoluene	ND	84	8.4	42		1,1,1-Trichloroethane	ND	42	11	42	
Dibromo-3-Chloropropane	ND	210	150	42		1,1,2-Trichloroethane	ND	42	10	42	
1,2-Dibromo-3-Chloropropane	ND	42	19	42		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	420	20	42	
1,2-Dibromoethane	ND	42	29	42		Trichloroethene	1500	84	7.6	42	
Dibromomethane	ND	42	5.4	42		Trichlorofluoromethane	ND	420	6.6	42	
1,2-Dichlorobenzene	ND	42	6.9	42		1,2,3-Trichloropropane	ND	84	27	42	
1,3-Dichlorobenzene	ND	42	6.5	42		1,2,4-Trimethylbenzene	ND	84	4.9	42	
1,4-Dichlorobenzene	ND	84	8.1	42		1,3,5-Trimethylbenzene	ND	84	4.1	42	
Dichlorodifluoromethane	ND	42	6.7	42		Vinyl Acetate	ND	420	310	42	
1,1-Dichloroethane	ND	42	7.2	42		Vinyl Chloride	ND	42	9.0	42	
1,1-Dichloroethene	ND	42	5.8	42		p/m-Xylene	ND	84	8.5	42	
c-1,2-Dichloroethene	110	42	12	42		o-Xylene	ND	42	4.8	42	
t-1,2-Dichloroethene	ND	42	11	42		Methyl-t-Butyl Ether (MTBE)	ND	84	5.6	42	
1,2-Dichloropropane	ND	42	11	42		Hexane	8.3	42.0	4.4	42	J,B
1,3-Dichloropropane	ND	42	7.4	42		Isopropanol	ND	2100	960	42	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	102	71-137			1,2-Dichloroethane-d4	104	58-160				
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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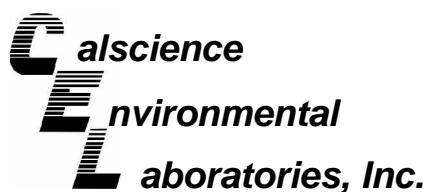
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-100	06-11-0903-17	11/14/06	Solid	11/14/06	11/16/06	061116L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2200	280	43.6		2,2-Dichloropropane	ND	220	20	43.6	
Benzene	6.0	44.0	5.9	43.6	J,B	1,1-Dichloropropene	ND	87	9.6	43.6	
Bromobenzene	ND	44	9.1	43.6		c-1,3-Dichloropropene	ND	44	8.0	43.6	
Bromoform	ND	87	60	43.6		t-1,3-Dichloropropene	ND	87	83	43.6	
Bromochloromethane	ND	44	6.4	43.6		Ethylbenzene	ND	44	6.8	43.6	
Bromodichloromethane	ND	220	29	43.6		2-Hexanone	ND	870	240	43.6	
Bromoform	ND	870	80	43.6		Isopropylbenzene	ND	44	5.2	43.6	
Bromomethane	ND	870	420	43.6		p-Isopropyltoluene	ND	44	5.0	43.6	
2-Butanone	ND	44	9.7	43.6		Methylene Chloride	520	440	230	43.6	
n-Butylbenzene	ND	44	4.5	43.6		4-Methyl-2-Pentanone	ND	870	89	43.6	
sec-Butylbenzene	ND	44	5.4	43.6		Naphthalene	ND	440	14	43.6	
tert-Butylbenzene	ND	440	7.6	43.6		n-Propylbenzene	ND	44	45	43.6	
Carbon Disulfide	ND	44	14	43.6		Styrene	ND	44	9.0	43.6	
Carbon Tetrachloride	ND	44	6.5	43.6		1,1,1,2-Tetrachloroethane	ND	44	15	43.6	
Chlorobenzene	ND	87	18	43.6		1,1,2,2-Tetrachloroethane	ND	87	10	43.6	
Chloroethane	ND	44	7.5	43.6		Tetrachloroethene	ND	44	7.4	43.6	
Chloroform	ND	870	130	43.6		Toluene	ND	44	6.5	43.6	
Chloromethane	ND	44	5.1	43.6		1,2,3-Trichlorobenzene	ND	87	8.9	43.6	
2-Chlorotoluene	ND	44	4.5	43.6		1,2,4-Trichlorobenzene	ND	87	8.0	43.6	
Dibromo-3-Chloropropane	ND	220	160	43.6		1,1,1-Trichloroethane	ND	44	11	43.6	
1,2-Dibromo-3-Chloropropane	ND	44	19	43.6		1,1,2-Trichloroethane	ND	44	11	43.6	
1,2-Dibromoethane	ND	44	31	43.6		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	440	21	43.6	
Dibromomethane	ND	87	8.7	43.6		Trichloroethene	2000	87	7.9	43.6	
1,2-Dichlorobenzene	ND	44	5.6	43.6		Trichlorofluoromethane	ND	440	6.8	43.6	
1,3-Dichlorobenzene	ND	44	7.1	43.6		1,2,3-Trichloropropane	ND	87	28	43.6	
1,4-Dichlorobenzene	ND	44	6.7	43.6		1,2,4-Trimethylbenzene	ND	87	5.1	43.6	
Dichlorodifluoromethane	ND	87	8.4	43.6		1,3,5-Trimethylbenzene	ND	87	4.3	43.6	
1,1-Dichloroethane	ND	44	6.9	43.6		Vinyl Acetate	ND	440	330	43.6	
1,2-Dichloroethane	ND	44	7.4	43.6		Vinyl Chloride	ND	44	9.4	43.6	
1,1-Dichloroethene	ND	44	6.1	43.6		p/m-Xylene	ND	87	8.8	43.6	
c-1,2-Dichloroethene	100	44	12	43.6		o-Xylene	ND	44	5.0	43.6	
t-1,2-Dichloroethene	ND	44	11	43.6		Methyl-t-Butyl Ether (MTBE)	ND	87	5.8	43.6	
1,2-Dichloropropane	ND	44	12	43.6		Hexane	11	44	4.5	43.6	J,B
1,3-Dichloropropane	ND	44	7.7	43.6		Isopropanol	1400	2200	1000	43.6	J
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	99	58-160				
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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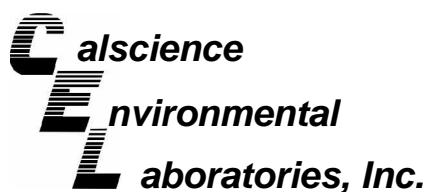
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-90X	06-11-0903-19	11/14/06	Solid	11/14/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	10	47	6.0	0.936	J	2,2-Dichloropropane	ND	4.7	0.43	0.936	
Benzene	0.86	0.94	0.13	0.936	J	1,1-Dichloropropene	ND	1.9	0.21	0.936	
Bromobenzene	ND	0.94	0.20	0.936		c-1,3-Dichloropropene	ND	0.94	0.17	0.936	
Bromoform	ND	1.9	1.3	0.936		t-1,3-Dichloropropene	ND	1.9	1.8	0.936	
Bromochloromethane	ND	0.94	0.14	0.936		Ethylbenzene	ND	0.94	0.14	0.936	
Bromodichloromethane	ND	4.7	0.62	0.936		2-Hexanone	ND	19	5.2	0.936	
Bromomethane	ND	19	1.7	0.936		Isopropylbenzene	ND	0.94	0.11	0.936	
2-Butanone	ND	19	8.9	0.936		p-Isopropyltoluene	ND	0.94	0.11	0.936	
n-Butylbenzene	ND	0.94	0.21	0.936		Methylene Chloride	ND	9.4	4.9	0.936	
sec-Butylbenzene	ND	0.94	0.097	0.936		4-Methyl-2-Pentanone	ND	19	1.9	0.936	
tert-Butylbenzene	ND	0.94	0.12	0.936		Naphthalene	ND	9.4	0.30	0.936	
Carbon Disulfide	ND	9.4	0.16	0.936		n-Propylbenzene	ND	0.94	0.96	0.936	
Carbon Tetrachloride	ND	0.94	0.30	0.936		Styrene	ND	0.94	0.19	0.936	
Chlorobenzene	ND	0.94	0.14	0.936		1,1,1,2-Tetrachloroethane	ND	0.94	0.31	0.936	
Chloroethane	ND	1.9	0.39	0.936		1,1,2,2-Tetrachloroethane	ND	1.9	0.22	0.936	
Chloroform	ND	0.94	0.16	0.936		Tetrachloroethene	ND	0.94	0.16	0.936	
Chloromethane	ND	19	2.7	0.936		Toluene	0.57	0.94	0.14	0.936	J,B
2-Chlorotoluene	ND	0.94	0.11	0.936		1,2,3-Trichlorobenzene	ND	1.9	0.19	0.936	
4-Chlorotoluene	ND	0.94	0.098	0.936		1,2,4-Trichlorobenzene	ND	1.9	0.17	0.936	
Dibromochloromethane	ND	1.9	0.19	0.936		1,1,1-Trichloroethane	ND	0.94	0.24	0.936	
1,2-Dibromo-3-Chloropropane	ND	4.7	3.4	0.936		1,1,2-Trichloroethane	ND	0.94	0.23	0.936	
1,2-Dibromoethane	ND	0.94	0.42	0.936		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.4	0.44	0.936	
Dibromomethane	ND	0.94	0.66	0.936		Trichloroethene	220	2	0.17	0.936	E
1,2-Dichlorobenzene	ND	0.94	0.12	0.936		Trichlorofluoromethane	ND	9.4	0.15	0.936	
1,3-Dichlorobenzene	ND	0.94	0.15	0.936		1,2,3-Trichloropropane	ND	1.9	0.61	0.936	
1,4-Dichlorobenzene	ND	0.94	0.14	0.936		1,2,4-Trimethylbenzene	ND	1.9	0.11	0.936	
Dichlorodifluoromethane	ND	1.9	0.18	0.936		1,3,5-Trimethylbenzene	ND	1.9	0.092	0.936	
1,1-Dichloroethane	0.21	0.94	0.15	0.936	J	Vinyl Acetate	ND	9.4	7.0	0.936	
1,2-Dichloroethane	ND	0.94	0.16	0.936		Vinyl Chloride	ND	0.94	0.20	0.936	
1,1-Dichloroethene	0.68	0.94	0.13	0.936	J	p/m-Xylene	ND	1.9	0.19	0.936	
c-1,2-Dichloroethene	8.4	0.9	0.26	0.936		o-Xylene	ND	0.94	0.11	0.936	
t-1,2-Dichloroethene	0.28	0.94	0.24	0.936	J	Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.12	0.936	
1,2-Dichloropropane	ND	0.94	0.25	0.936		Hexane	ND	0.94	0.097	0.936	
1,3-Dichloropropane	ND	0.94	0.16	0.936		Isopropanol	ND	47	21	0.936	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	131	58-160					
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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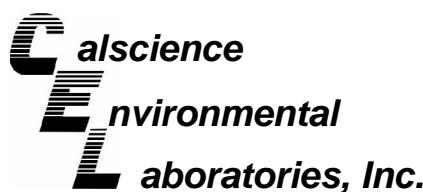
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-27-90X	06-11-0903-19	11/14/06	Solid	11/14/06	11/16/06	061115L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	210	94	8.5	46.8					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:		REC (%)	Control Limits	Qual
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4	110	58-160	
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	100	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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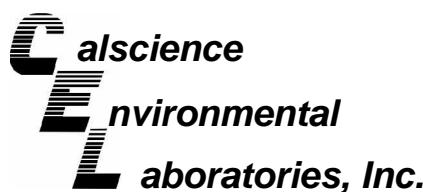
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-19	N/A	Solid	11/15/06	11/15/06	061115L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	50	6.4	1	J	2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromoform	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromochloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromodichloromethane	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	0.15	1.0	0.15	1	J
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	ND	1.0	0.10	1	
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	106	71-137			1,2-Dichloroethane-d4	114	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	97	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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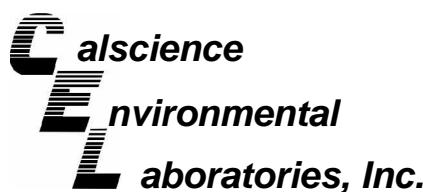
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-21	N/A	Solid	11/16/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromoform	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromochloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromodichloromethane	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	0.16	1.0	0.15	1	J
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	ND	1.0	0.10	1	
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	103	71-137			1,2-Dichloroethane-d4	109	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	96	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 28 of 32

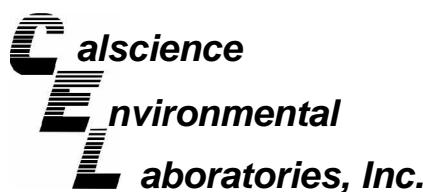
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-23	N/A	Solid	11/15/06	11/16/06	061115L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	600	1000	520	100	J
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	ND	1000	33	100	
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	ND	100	15	100	
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	ND	200	18	100	
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	6000	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	106	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	101	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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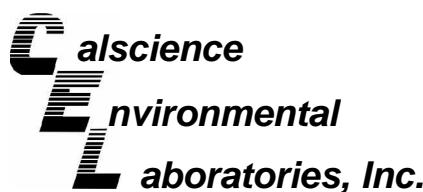
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-27	N/A	Solid	11/16/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	0.16	1.0	0.13	1	J	1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromoform	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromochloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromodichloromethane	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	0.19	1.0	0.15	1	J
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	0.13	1.0	0.10	1	J
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	103	58-160				
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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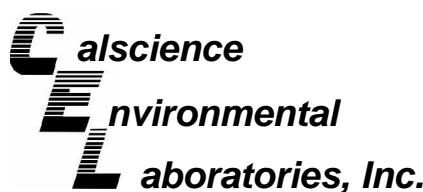
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-28	N/A	Solid	11/15/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	920	5000	640	100	J	2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	520	1000	520	100	J
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	73	1000	33	100	J
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	19	100	15	100	J
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	53	200	20	100	J
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	41	200	18	100	J
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	25	100	15	100	J	1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	2400	5000	2300	100	J
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	102	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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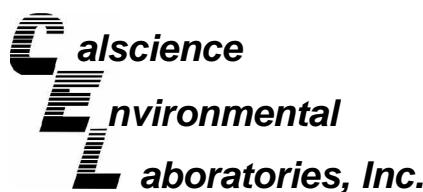
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-33	N/A	Solid	11/16/06	11/16/06	061116L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	18	100	13	100	J	1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Carbon Tetrachloride	ND	100	32	100	
Isopropylbenzene	ND	100	12	100		2-Butanone	ND	2000	960	100	
p-Isopropyltoluene	ND	100	12	100		n-Butylbenzene	ND	100	22	100	
Methylene Chloride	ND	1000	520	100		sec-Butylbenzene	ND	100	10	100	
4-Methyl-2-Pentanone	ND	2000	200	100		tert-Butylbenzene	ND	100	12	100	
Naphthalene	ND	1000	33	100		Carbon Disulfide	18	1000	18	100	J
n-Propylbenzene	ND	100	100	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	28	100	15	100	J
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	24	200	18	100	J
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	23	200	20	100	J
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	11	100	10	100	J
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	101	58-160				
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 32 of 32

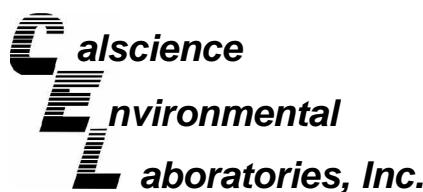
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-34	N/A	Solid	11/21/06	11/21/06	061121L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	ND	1000	520	100	
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	ND	1000	33	100	
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	ND	100	15	100	
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	ND	200	18	100	
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	98	71-137			1,2-Dichloroethane-d4	108	58-160				
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

Page 1 of 2

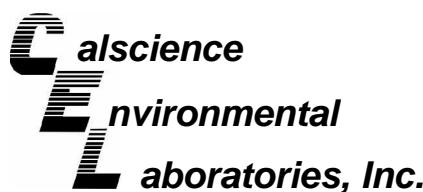
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB-11.14.06	06-11-0903-18	11/14/06	Aqueous	11/18/06	11/18/06	061118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.0	50.0	7.0	1	J	2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromoform	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromomethane	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
2-Butanone	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
n-Butylbenzene	ND	1.0	0.25	1		p-Isopropyltoluene	ND	1.0	0.14	1	
sec-Butylbenzene	ND	1.0	0.29	1		Methylene Chloride	ND	20	9.7	1	
tert-Butylbenzene	ND	1.0	0.19	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
Carbon Disulfide	ND	10	1.8	1		Naphthalene	ND	10	0.42	1	
Carbon Tetrachloride	ND	0.50	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
Chlorobenzene	ND	1.0	0.16	1		Styrene	ND	1.0	0.16	1	
Chloroethane	ND	1.0	0.70	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroform	ND	1.0	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloromethane	ND	10	2.1	1		Tetrachloroethene	ND	1.0	0.30	1	
2-Chlorotoluene	ND	1.0	0.16	1		Toluene	ND	1.0	0.23	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Dibromochloromethane	ND	1.0	0.39	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,1-Trichloroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethane	ND	1.0	0.79	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.31	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	10	0.83	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	5.0	2.8	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.13	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	1.0	0.86	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	10	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	1.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	95	74-140				1,2-Dichloroethane-d4	95	74-146			
Toluene-d8	93	88-112				1,4-Bromofluorobenzene	90	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

Page 2 of 2

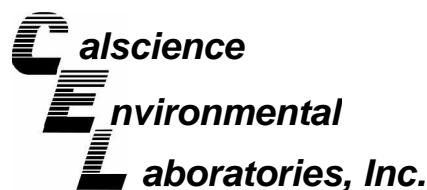
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-19,673	N/A	Aqueous	11/18/06	11/18/06	061118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromoform	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromochloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromodichloromethane	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	10	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	1.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	97	74-140			1,2-Dichloroethane-d4	95	74-146				
Toluene-d8	94	88-112			1,4-Bromofluorobenzene	92	74-110				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Quality Control - Spike/Spike Duplicate



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

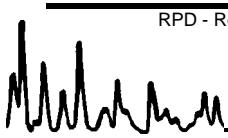
Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B

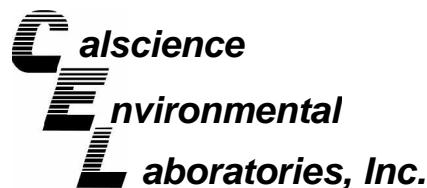
Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TMP-27-80	Solid	GC/MS X	11/14/06	11/15/06	061115S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	84	40-142	7	0-18	
Carbon Tetrachloride	91	91	37-139	0	0-20	
Chlorobenzene	89	81	43-127	10	0-26	
1,2-Dichlorobenzene	86	75	40-160	14	0-36	
1,1-Dichloroethene	93	91	16-178	1	0-25	
Toluene	89	84	44-128	6	0-15	
Trichloroethene	0	120	47-131	38	0-19	3,4
Vinyl Chloride	85	86	29-161	1	0-42	
Methyl-t-Butyl Ether (MTBE)	95	80	42-150	17	0-34	
Tert-Butyl Alcohol (TBA)	110	97	61-109	13	0-47	3
Diisopropyl Ether (DIPE)	90	81	73-133	10	0-25	
Ethyl-t-Butyl Ether (ETBE)	94	84	73-132	10	0-25	
Tert-Amyl-Methyl Ether (TAME)	95	83	82-120	14	0-25	
Ethanol	98	104	39-117	6	0-99	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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317 East Main Street
Ventura, CA 93001-2624

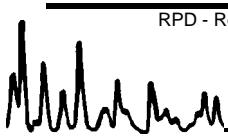
Date Received: 11/14/06
Work Order No: 06-11-0903
Preparation: EPA 5030B
Method: EPA 8260B

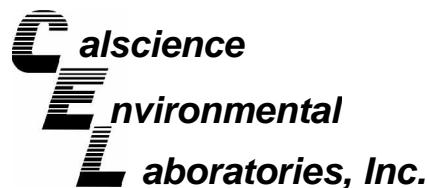
Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-11-0911-2	Aqueous	GC/MS T	11/18/06	11/18/06	061118S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	102	88-118	0	0-7	
Carbon Tetrachloride	99	98	67-145	1	0-11	
Chlorobenzene	104	104	88-118	0	0-7	
1,2-Dichlorobenzene	105	105	86-116	0	0-8	
1,1-Dichloroethene	105	104	70-130	1	0-25	
Toluene	103	102	87-123	1	0-8	
Trichloroethene	101	101	79-127	0	0-10	
Vinyl Chloride	93	95	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	97	99	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	92	95	36-168	3	0-45	
Diisopropyl Ether (DIPE)	94	93	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	97	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	98	72-126	0	0-12	
Ethanol	92	92	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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Ventura, CA 93001-2624

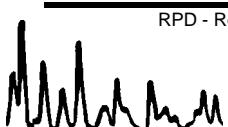
Date Received: N/A
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B

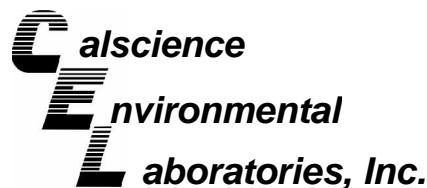
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-28	Solid	GC/MS X	11/15/06	11/15/06	061115L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	94	85-115	2	0-11	
Carbon Tetrachloride	98	100	68-134	2	0-14	
Chlorobenzene	98	98	83-119	0	0-9	
1,2-Dichlorobenzene	98	97	57-135	0	0-10	
1,1-Dichloroethene	99	97	72-120	3	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	97	99	88-112	2	0-9	
Vinyl Chloride	93	92	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	103	106	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	100	107	31-145	7	0-23	
Diisopropyl Ether (DIPE)	106	96	74-128	10	0-10	
Ethyl-t-Butyl Ether (ETBE)	99	102	77-125	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	102	81-123	1	0-10	
Ethanol	103	106	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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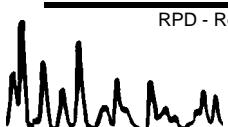
Date Received: N/A
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B

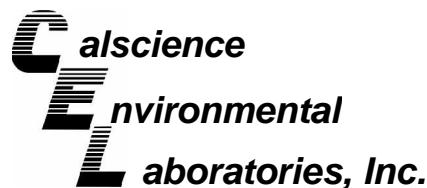
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-23	Solid	GC/MS X	11/15/06	11/15/06	061115L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	85-115	0	0-11	
Carbon Tetrachloride	100	101	68-134	1	0-14	
Chlorobenzene	96	96	83-119	0	0-9	
1,2-Dichlorobenzene	94	95	57-135	0	0-10	
1,1-Dichloroethene	99	98	72-120	1	0-10	
Toluene	95	94	67-127	1	0-10	
Trichloroethene	104	103	88-112	1	0-9	
Vinyl Chloride	97	93	57-129	4	0-16	
Methyl-t-Butyl Ether (MTBE)	101	102	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	110	107	31-145	2	0-23	
Diisopropyl Ether (DIPE)	97	95	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	102	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	104	102	81-123	2	0-10	
Ethanol	112	114	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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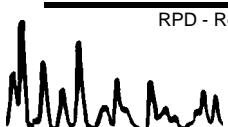
Date Received: N/A
Work Order No: 06-11-0903
Preparation: EPA 5035
Method: EPA 8260B

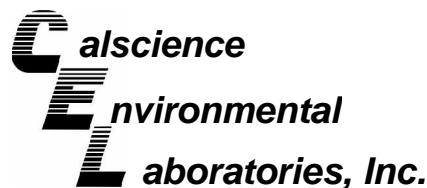
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-21	Solid	GC/MS X	11/16/06	11/16/06	061116L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	85-115	1	0-11	
Carbon Tetrachloride	104	102	68-134	2	0-14	
Chlorobenzene	97	97	83-119	0	0-9	
1,2-Dichlorobenzene	95	94	57-135	1	0-10	
1,1-Dichloroethene	100	99	72-120	1	0-10	
Toluene	96	97	67-127	1	0-10	
Trichloroethene	100	101	88-112	1	0-9	
Vinyl Chloride	94	91	57-129	4	0-16	
Methyl-t-Butyl Ether (MTBE)	102	101	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	99	106	31-145	7	0-23	
Diisopropyl Ether (DIPE)	94	94	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	101	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	105	81-123	2	0-10	
Ethanol	106	104	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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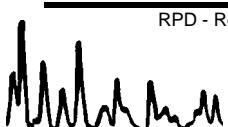
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Method: EPA 8260B

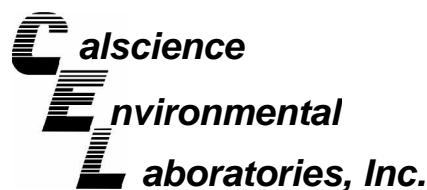
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-27	Solid	GC/MS JJ	11/16/06	11/16/06	061116L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	92	85-115	0	0-11	
Carbon Tetrachloride	97	96	68-134	1	0-14	
Chlorobenzene	99	100	83-119	1	0-9	
1,2-Dichlorobenzene	99	98	57-135	1	0-10	
1,1-Dichloroethene	86	85	72-120	2	0-10	
Toluene	97	97	67-127	0	0-10	
Trichloroethene	99	97	88-112	1	0-9	
Vinyl Chloride	73	71	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	96	96	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	88	88	31-145	0	0-23	
Diisopropyl Ether (DIPE)	94	93	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	97	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	98	81-123	0	0-10	
Ethanol	88	87	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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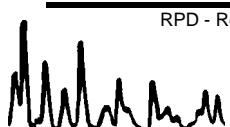
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Preparation: EPA 5035
Method: EPA 8260B

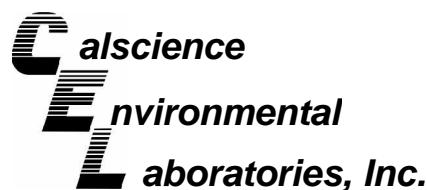
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-33	Solid	GC/MS JJ	11/16/06	11/16/06	061116L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	92	85-115	0	0-11	
Carbon Tetrachloride	97	96	68-134	1	0-14	
Chlorobenzene	99	100	83-119	1	0-9	
1,2-Dichlorobenzene	99	98	57-135	1	0-10	
1,1-Dichloroethene	86	85	72-120	2	0-10	
Toluene	97	97	67-127	0	0-10	
Trichloroethene	99	97	88-112	1	0-9	
Vinyl Chloride	73	71	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	96	96	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	88	88	31-145	0	0-23	
Diisopropyl Ether (DIPE)	94	93	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	97	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	98	81-123	0	0-10	
Ethanol	88	87	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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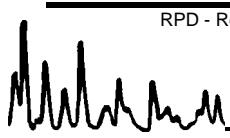
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Work Order No: 06-11-0903
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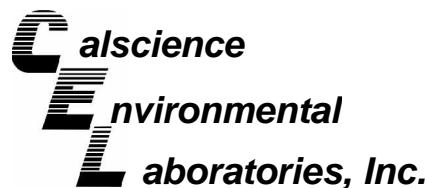
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-34	Solid	GC/MS X	11/21/06	11/21/06	061121L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	93	85-115	3	0-11	
Carbon Tetrachloride	105	106	68-134	1	0-14	
Chlorobenzene	96	96	83-119	0	0-9	
1,2-Dichlorobenzene	95	98	57-135	3	0-10	
1,1-Dichloroethene	104	106	72-120	2	0-10	
Toluene	92	93	67-127	1	0-10	
Trichloroethene	97	99	88-112	2	0-9	
Vinyl Chloride	109	108	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	102	103	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	100	100	31-145	0	0-23	
Diisopropyl Ether (DIPE)	94	93	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	102	77-125	6	0-9	
Tert-Amyl-Methyl Ether (TAME)	103	105	81-123	2	0-10	
Ethanol	97	104	44-152	7	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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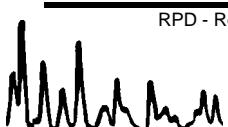
Date Received: N/A
Work Order No: 06-11-0903
Preparation: EPA 5035
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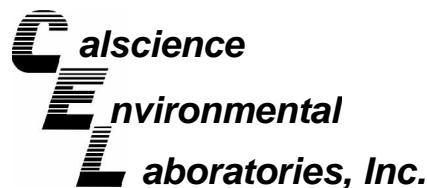
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-19	Solid	GC/MS X	11/15/06	11/15/06	061115L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	94	85-115	2	0-11	
Carbon Tetrachloride	98	100	68-134	2	0-14	
Chlorobenzene	98	98	83-119	0	0-9	
1,2-Dichlorobenzene	98	97	57-135	0	0-10	
1,1-Dichloroethene	99	97	72-120	3	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	97	99	88-112	2	0-9	
Vinyl Chloride	93	92	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	103	106	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	100	107	31-145	7	0-23	
Diisopropyl Ether (DIPE)	106	96	74-128	10	0-10	
Ethyl-t-Butyl Ether (ETBE)	99	102	77-125	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	102	81-123	1	0-10	
Ethanol	103	106	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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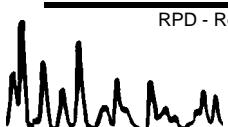
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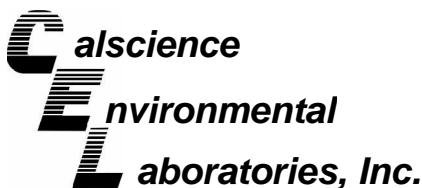
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,673	Aqueous	GC/MS T	11/18/06	11/18/06	061118L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	102	84-120	0	0-8	
Carbon Tetrachloride	100	98	63-147	2	0-10	
Chlorobenzene	104	103	89-119	1	0-7	
1,2-Dichlorobenzene	106	105	89-119	2	0-9	
1,1-Dichloroethene	105	104	77-125	1	0-16	
Toluene	104	103	83-125	1	0-9	
Trichloroethene	101	100	89-119	0	0-8	
Vinyl Chloride	93	91	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	98	95	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	90	85	46-154	6	0-32	
Diisopropyl Ether (DIPE)	95	92	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	96	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	97	76-124	2	0-10	
Ethanol	89	88	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit





Glossary of Terms and Qualifiers



Work Order Number: 06-11-0903

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

